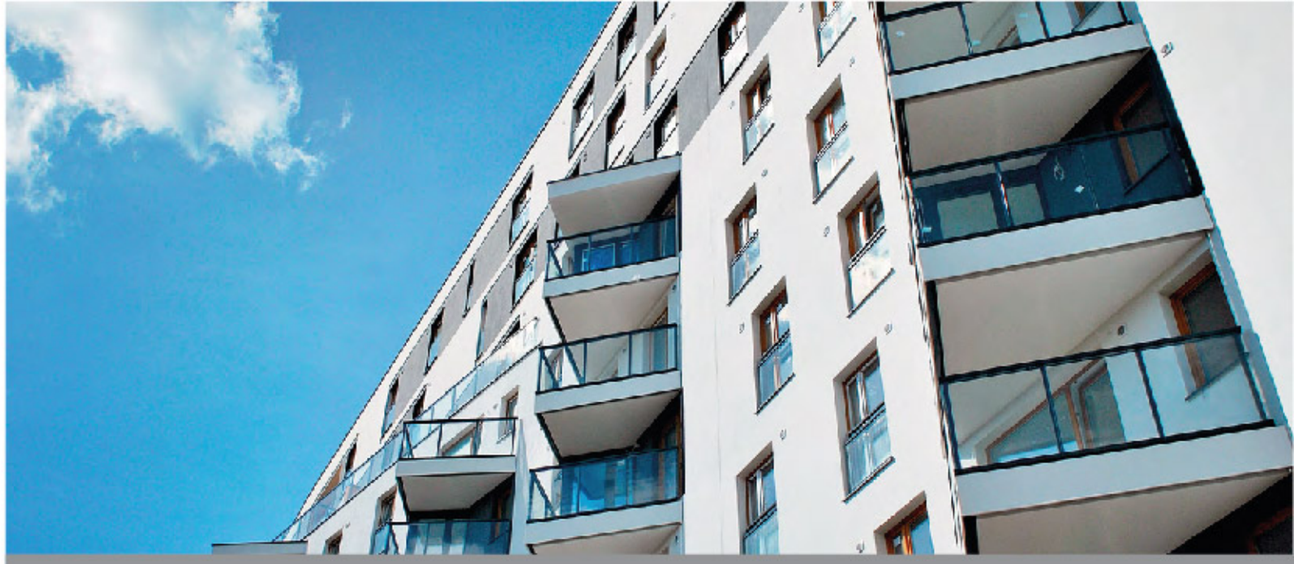
Ceresit

# ETICS systems

**Facade design and solutions for all your needs**


- ETICS SYSTEMS
- TECHNOLOGY & COLOURS CONCEPTS
- PRODUCTS OVERVIEW



# CONTENT





# INTRODUCTION

## Why should buildings be thermally protected?

**Cut down on energy costs**
In an non-insulated family house up to 40% of the overall heat is lost through walls. Insulation system reduces that loss significantly, lowering energy consumption and your heating costs by 30-40%.

**Enjoy the warmth**
Thermal insulation provides higher temperatures inside through all those autumn and winter months. Walls themselves are also warmer which contributes to the overall feeling of comfort.

**Live in the comfort zone**
ETICS works in your favour not only in cold seasons, but also in hot summers. Thanks to thermal insulation the temperature inside your house will always stay comfortable and balanced.

**Protect the environment**
The heating of non-insulated buildings is causing up to 35% of the global carbon emissions. By reducing the heating needs we can lower $CO_2$ and dusts emission. This will allow us to breathe cleaner air and contribute to smog fight.

**Raise value of your house**
Thermally insulated buildings stand out with low energy consumption proven by its energy passport. This way, by applying ETICS, you will increase your house's market value.

**Make your facade attractive and trendy**
Appling the insulation system contributes to the attractive appearance of the facade. Thanks to a wide choice of plasters and paints' colour lines and effects, your house can be finished in a desired style.

**Protect your facade**
Final layers of ETICS are designed to be highly resistant to many different factors. By applying the insulation system you can protect your facade against weather conditions (rain, humidity, hail, extreme temperatures), biological contamination as well as mechanical damage and dirt.

**Choose and apply easily**
ETICS systems are suitable for most of newly build or already existing building no matter their size or type. With the light components and simple instructions systems can be applied quickly and easily.

## Why to insulate building with Ceresit ETICS system?

**Experience**
Over 20 years of Ceresit ETICS systems application and production in 23 Henkel factories throughout Europe and outside it.

**Strong presence**
Over 25 mln m² of Ceresit ETICS systems installed yearly on facades all over the world.

**Quality**
Extended tests of products and systems in certified laboratories and climatic chambers to prove their functionality and reliability in the most demanding conditions.

**Certification**
European Technical Assessments (ETAs) granted after proving that all Ceresit systems meet the requirements of ETAG 004 (European Technical Approval Guidelines for External Thermal Insulation Composite Systems with Rendering).

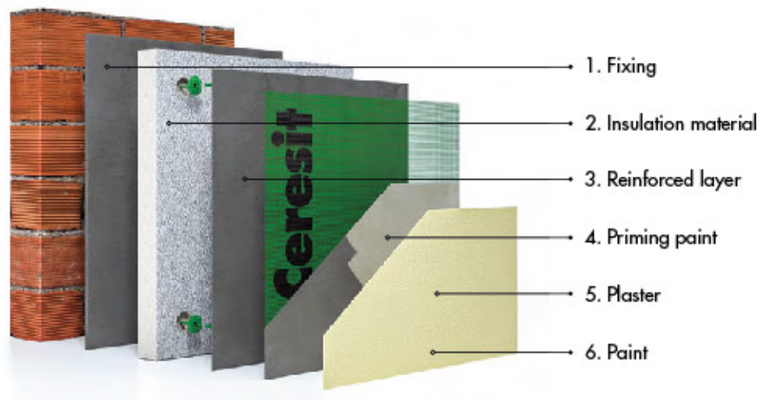
**Innovations**
Works of International Innovation Centre for Construction Chemicals Ceresit for constant improvement of products and systems. All to provide even more functional, durable, convenient to apply and on trend solutions.

**Technical know-how**
Thousands of ETICS applicators trained with Ceresit training programmes and technical experts to provide support on each stage of ETICS application at objects.

**Colour & design concepts**
Thousands of colours and structures easily available within the widest network of tinting stations for plasters and facade paints.

**Sustainability**
Constant improvement in environment, safety and health protection with SHEQ management system and certifications like ISO 9001, EMAS/ISO14001 or EPD (Environmental Product Declarations) implemented. Supporting Green Buildings orientation with information about life-cycle environmental impact of products.

## Ceresit Ceretherm ETICS System Scheme



# CERESIT CERETHERM FACADE ETICS SYSTEMS

## POPULAR

Reliable and popular thermal insulation

Reliable insulation system

## AQUASTATIC

Insulates and resists water and humidity effects

Vapour permeable facade resistant to water and humidity

Advanced insulation system

## SELF CLEAN

Advanced insulation system with self-cleaning properties

Self-cleaning facade – clean and dry for longer

Vapour permeable facade resistant to water and humidity

Advanced insulation system

## SOLAR PROTECT

Insulates and increases the resistance to solar radiation

Higher resistance to UV and high colour stability

Self-cleaning facade – clean and dry for longer

Vapour permeable facade resistant to water and humidity

Advanced insulation system

SUPPORTED BY TECHNOLOGIES

BioProtect

DoubleDry TECHNOLOGY

FIBRE FORCE NEW

UV Protect TECHNOLOGY

KEY SYSTEMS SUMMARY

# CERESIT CERETHERM FACADE ETICS SYSTEMS

## AERO WOOL

The most breathable and non-flammable insulation

Non-flammable / the highest fire resistance class insulation

Highly breathable facade

Advanced insulation system

## EXPRESS

Super fast and convenient light weight insulation

Super fast & easy in application insulation

Vapour permeable facade resistant to water and humidity

Highly advanced insulation system

## IMPACTUM

Ultimate durability and protection against any impacts

The highest impact resistance and durable facade

Highly flexible and cracks resistant insulation

Highly resistant to water

Highly advanced insulation system

DoubleDry TECHNOLOGY

FIBRE FORCE NEW

BioProtect

SPECIALIZED SYSTEMS SUMMARY

# CERESIT CERETHERM FACADE ETICS SYSTEMS


SLIM

Slim size insulation with top performance

Slim size for more living space and daylight

Very low thermal conductivity

Resistant to dirt and water uptake

Resistant to thermal stresses and cracks

Highly advanced insulation system


CERAMIC

Insulation and durability with a timeless design

Excellent durability and weather resistance

Impact resistant

Low maintenance and easier cleaning

Highly advanced insulation system


SOCKEL

Base insulation and protection

Resistant to algae and fungi contamination

Impact resistant

Flexible and durable

Advanced insulation system


VISAGE

Design plasters inspired by nature

Resistant to weather conditions

Resistant to abrasion

Resistant to water absorption

Flexible

Wide range of colours, structures and optic effects

Finishing layer - thin layer facade plasters

SUPPORTED BY TECHNOLOGIES

DoubleDry TECHNOLOGY

FIBRE FORCE NEW

Bio Protect

## NEW SYSTEMS SUMMARY



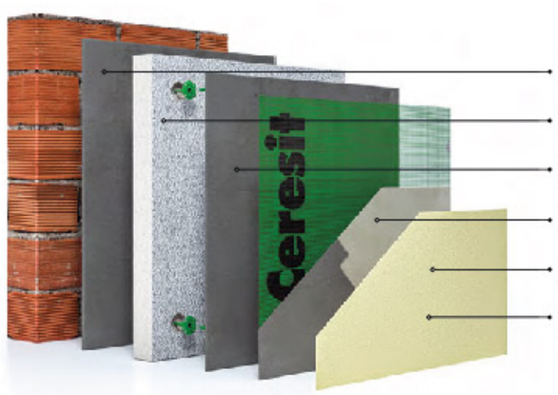
# **POPULAR** SYSTEM

## Reliable and popular thermal insulation

### Characteristics

- Reliable insulation system
- Weather and impact resistant
- Economic solution
- Resistant to biological contamination like fungi and algae
- Certification: ETA Ceresit Ceretherm Popular

Recommended for:
- buildings where reliable and economic ETICS is needed
- traditional, single family houses


| POPULAR SYSTEM |
|---|
| FIXING |
| **ZS / CT 81** |
| INSULATION MATERIAL |
| **EPS Boards** |
| REINFORCED LAYER |
| **ZU / CT 82 and CT 325 Glass Fibre Mesh** |
| PRIMING PAINT |
| **CT 16 Quartz Contact Priming Paint** |
| PLASTER* |
| **CT 60 / CT 63 / CT 64 Acrylic Elastic** |
| PAINT* |
| **CT 42 Acrylic Elastic** |

Design and colouristic pallets:

* Alternative Ceresit plasters and paints: Mineral, Silicate-Silicone, Silicone, Silicate, Elastomeric





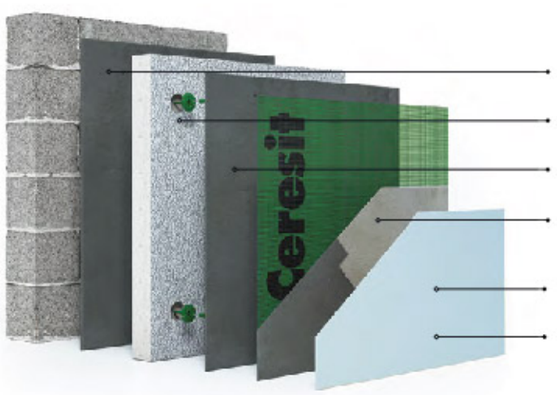
# **AQUASTATIC** SYSTEM

## Insulates and resists water and humidity effects

### Characteristics

- Dirt and water uptake resistant
- Vapour permeable and hydrophobic
- Resistant to biological contamination like fungi and algae
- Flexible and durable
- Resistant to thermal stresses and cracks
- Excellent application parameters
- Certification: ETA Ceresit Ceretherm Classic, ETA Ceresit Ceretherm Wool Classic

Recommended for:
- buildings where more advanced insulation system can better resist water and humidity effects
- single family houses and residential buildings


| AQUASTATIC SYSTEM | |
|---|---|
| FIXING* | |
| **CT 83 Strong Fix** | CT 180 MW Strong Fix |
| INSULATION MATERIAL | |
| **EPS Boards** | MW Boards / Lamella |
| REINFORCED LAYER* | |
| **CT 80 and CT 325 Glass Fibre Mesh** | CT 190 MW Flex and CT 325 Glass Fibre Mesh |
| PRIMING PAINT | |
| **CT 16 Quartz Contact Priming Paint** | CT 15 / CT 16 Quartz Contact Priming Paint |
| PLASTER | |
| **CT 174 / CT 175 Silicate-Silicone Aquastatic** | CT 174 / CT 175 Silicate-Silicone Aquastatic |
| PAINT | |
| **CT 46 / CT 48 / CT 49** | CT 46 / CT 48 / CT 49 |

Design and colouristic pallets:

* Optionally you can use as an adhesive and rendering mortars Thermouniversal or CT 80 covered by ETA documents ETA Ceresit Ceretherm Universal and ETA Ceresit Ceretherm Universal MW

# SELF CLEAN SYSTEM

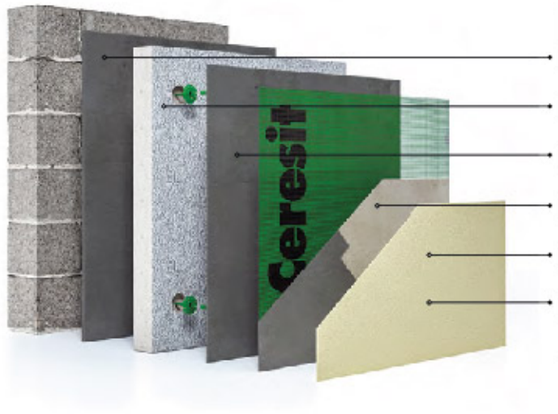
## Advanced insulation system with self-cleaning properties

### Characteristics

- Self-cleaning
- Dirt and water uptake resistant
- Vapour permeable and hydrophobic
- Highly resistant to biological contamination like fungi and algae
- Highly flexible and durable
- Resistant to thermal stresses and cracks
- Excellent application parameters
- Certification: ETA Ceresit Ceretherm Classic, ETA Ceresit Ceretherm Wool Classic

Recommended for:

- buildings where more advanced insulation system can better resist water, dirt pick-up and make facade dry and clean for longer
- modern, single family houses and residential buildings


| SELF CLEAN SYSTEM | |
|---|---|
| FIXING* | |
| **CT 83 Strong Fix** | CT 180 MW Strong Fix |
| INSULATION MATERIAL | |
| **EPS / Graphite EPS Boards** | MW Boards / Lamella |
| REINFORCED LAYER | |
| **CT 85 Flex and CT 325 Glass Fibre Mesh** | CT 190 MW Flex and CT 325 Glass Fibre Mesh |
| PRIMING PAINT | |
| **CT 16 Quartz Contact Priming Paint** | CT 16 Quartz Contact Priming Paint |
| PLASTER* | |
| **CT 74 / CT 75 Silicone Self Clean** | CT 74 / CT 75 Silicone Self Clean |
| PAINT* | |
| **CT 48 Silicone Self Clean** | CT 48 Silicone Self Clean |
| **CT 49 Nano Silicone Reno** | CT 49 Nano Silicone Reno |

Design and colouristic pallets:

* Optionally you can use as an adhesive and rendering mortars Thermouniversal or CT 80 covered by ETA documents ETA Ceresit Ceretherm Universal and ETA Ceresit Ceretherm Universal MW





# SOLAR PROTECT SYSTEM

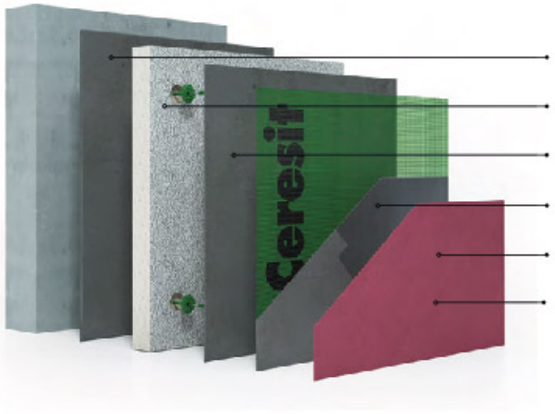
## Insulates and increases the resistance to solar radiation

### Characteristics

- Increased resistance to UV and high colour stability
- Wider range of colours
- Self-cleaning
- Dirt and water uptake resistant
- Vapour permeable and hydrophobic
- Highly resistant to biological contamination like fungi and algae
- Highly flexible and durable
- Resistant to thermal stresses and cracks
- Certification: ETA Ceresit Ceretherm Classic, ETA Ceresit Ceretherm Wool Classic

Recommended for:

- buildings with more advanced resistance to water and dirt pick-up
- buildings where dark and intense colour palettes are used thanks to improved solar radiation protection


| SOLAR PROTECT SYSTEM | |
|---|---|
| FIXING | |
| **CT 83 Strong Fix** | CT 180 MW Strong Fix |
| INSULATION MATERIAL | |
| **EPS Boards** | MW Boards |
| REINFORCED LAYER | |
| **CT 85 Flex and CT 325 Glass Fibre Mesh** | CT 190 MW Flex and CT 325 Glass Fibre Mesh |
| PRIMING PAINT | |
| **CT 16 Quartz Contact Priming Paint** | CT 16 Quartz Contact Priming Paint |
| PLASTER | |
| **CT 76 Solar Protect** | CT 76 Solar Protect |
| PAINT | |
| **CT 110 Solar Protect** | CT 110 Solar Protect |

Design and colouristic pallets:

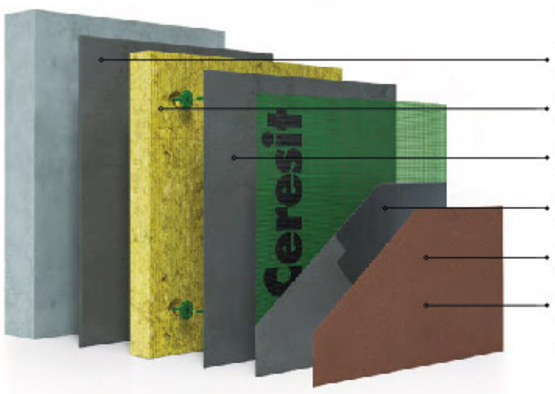
# AERO WOOL SYSTEM

## The most breathable and non-flammable insulation

### Characteristics

- Super breathable
- Highly vapour permeable
- Non-flammable – the highest fire resistance class A2-s, d0
- Highly resistant to biological contamination like fungi and algae
- Low water uptake
- Flexible and durable
- Excellent application parameters
- Certification: ETA Ceresit Ceretherm Wool Classic

Recommended for:
- high buildings
- public buildings where the highest fire resistance class is needed
- buildings located close to forests, parks and humid areas, with a risk of biological contamination by algae and fungi



| AERO WOOL SYSTEM |
|---|
| FIXING |
| **CT 180 MW Strong Fix** |
| INSULATION MATERIAL |
| **MW Boards / Lamella** |
| REINFORCED LAYER |
| **CT 190 MW Flex and CT 325 Glass Fibre Mesh** |
| PRIMING PAINT |
| **CT 15 Priming Paint** |
| PLASTER |
| **CT 72 / CT 73 Silicate Aero** |
| PAINT |
| **CT 54 Silicate Aero** |

Design and colouristic pallets:





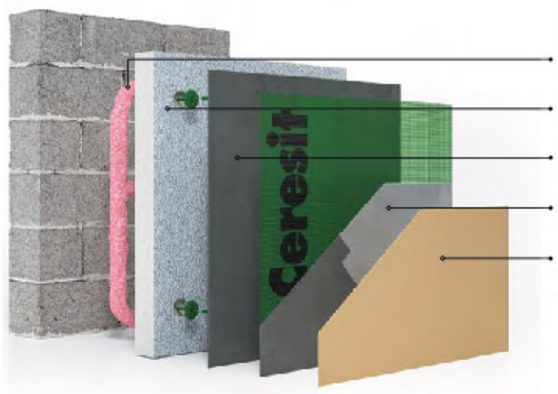
# EXPRESS SYSTEM

## Super fast and convenient lightweight insulation

### Characteristics

- Super fast – 5 days shorter application*
- Lightweight – up to 50% lighter per m²*
- Convenient – less material, less application steps
- The highest efficiency per m²
- Extended application conditions from -10°C to 40°C for EPS boards and MW boards fixing
- Low water uptake and high vapour permeability
- Resistant to biological contamination like fungi and algae
- Highly durable and flexible
- Certification: ETA Ceresit Ceretherm Premium

Recommended for:
- buildings where installation of ETICS system must be completed within a short period of time
- buildings where the lowest weight per m² is important
- thermal renovation of old ETICS facades (ETICS on ETICS)



| EXPRESS SYSTEM |
|---|
| FIXING |
| **CT 84 Express Plus** |
| INSULATION MATERIAL |
| **EPS Boards / MW Boards** |
| REINFORCED LAYER** |
| **CT 87 White Flexible and CT 325 Glass Fibe Mesh** |
| PLASTER*** |
| **CT 174 / CT 175 Silicate-Silicone Aquastatic** |
| PAINT*** |
| **CT 46 Silicate-Silicone Aquastatic** |

Design and colouristic pallets:

* vs conventional system

** Optionally you can use as rendering mortars CT 85, CT 82 / ZU covered by ETA documents ETA Ceresit Ceretherm Classic and ETA Ceresit Ceretherm Popular; in this case priming paint CT 16 Quartz Contact / CT 15 is necessary

*** Alternative Ceresit plasters and paints: Mineral, Acrylic, Silicone, Silicate, Elastomeric

# IMPACTUM SYSTEM
## The ultimate durability and protection against any impacts

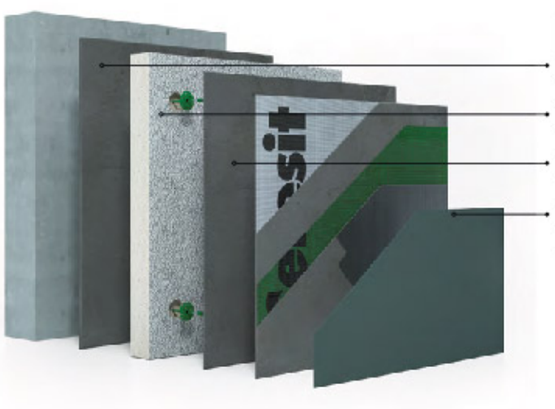
### Characteristics

- The highest impact resistance up to 100 J mechanical impacts – class I exceeded 10 times
- High resistance to hail
- The highest flexibility
- High resistance to thermal stresses and cracks
- Extended colouristics options to very dark and intense colours (HBW ≥5%)
- The highest resistance to water uptake
- The ultimate performance and durability
- Excellent application parameters
- Certification: ETA Ceresit Ceretherm Impactum

DoubleDry TECHNOLOGY

NEW FIBRE FORCE STRONG & FLEXIBLE


Recommended for:
- buildings located where the risk of mechanical impacts is high (next to schools, playgrounds, sport objects)
- buildings that require higher facade resistance
- for facades in dark, deep colours




| IMPACTUM SYSTEM |
|---|
| FIXING* |
| CT 83 Strong Fix |
| INSULATION MATERIAL |
| EPS Boards |
| REINFORCED LAYER |
| CT 100 Impactum and CT 325 and CT 327 Glass Fibre Mesh |
| PLASTER** |
| CT 79 Elastomeric Impactum |

Design and colouristic pallets:

nature · mosaics · intense

* Optionally you can use CT 81 / ZS, CT 82 / ZU, CT 80 / CT 85
** Alternative Ceresit plasters: Acrylic, Silicate-Silicone, Silicone, Silicate





# IMPACTUM SYSTEM
## Well-equipped for any impacts

### Extremely flexible & resistant to changing weather impacts

Rapidly changing temperature or strong UV radiation will not affect the system's performance or aesthetics. Its high flexibility allows for relaxation of the buildings' internal and thermal stresses. That is why it is also possible to choose even very dark and intense colours for facade of the house.

### Extremely resistant to over 100 J mechanical impacts & puncturing

Striking the system's surface with impressive 100 J kinetic energy of a football flying at more than 90 km/h will leave the system intact. Striking the facade with a sharp-pointed object will also cause no harm. You can stay assured that playing children or vandals will not damage either the facade of your house or the system.

### Hail resistant

Ceresit Impactum System features high resistance to the damaging effects of hail. According the test which simulates the conditions of natural hail, our system has a hail resistance of ca. 130 km/h of the ice ball (EN 13583:2012).

The hail resistance of any component is rated with classification system called Hail Impact Resistance (HIR). The rating defines the energy at which the facade still shows no damage. Ceresit Impactum System result outranks HW 5 class – the highest resistance rating for hail.

### Suitable for dark and intense facade colours

When selecting the colours for the facade, the HBW index (Light Reflectance Value) should be taken into consideration which determines the degree of reflected light by the given colour. The lower this index, the higher the absorption of light, which means the risk of thermal stresses. Colours with HBW index above 25% are usually recommended for ETICS facades. Thanks to the ability to compensate thermal stresses, high resistance to UV radiation and discolouration, Impactum system gives wider options of colouristic palettes and CT 79 Elastomeric Impactum plaster can be offered in very dark and intense colours, with an HBW index as low as 5% and above.


Extreme flexibility of Ceresit Impactum System

Test of striking the system surface

### Highly resistant to water penetration & biological damage

The system features very low water absorption, which means that even after heavy rains the facade dries out quickly with no moisture accumulation. This way the danger of discolouration, delamination or biological damage (mould, algae, fungi) of the system is avoided.

### Highly resistant to dirt pick-up with self-cleaning properties

Thanks to high hydrophobicity of the system and smooth, tight structure of the top coating drops of rain create the kind of 'pearls' on the surface and together with dirts particles do not penetrate into the systems layers but run down along the surface, leaving the facade clean.

NEW SYSTEMS

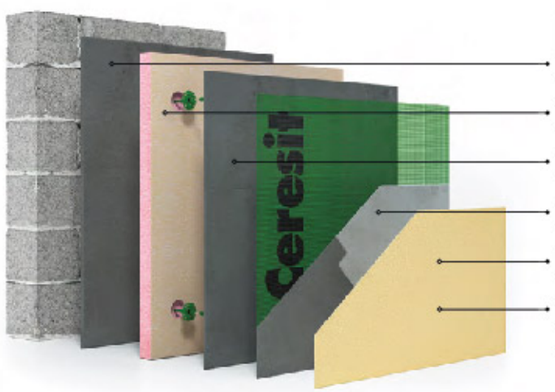
# **SLIM** SYSTEM

## Slim size insulation with top performance

### Characteristics

- Very low thermal conductivity of the insulation material (up to 0,021 W/mK)
- Due to its slim size, increase in living space and daylight
- Dirt and water uptake resistant
- Resistant to thermal stresses and cracks
- Certification: ETA Ceresit Ceretherm Classic Phenolic

Recommended for:
- modern apartment buildings with space limitations
- buildings which cannot be insulated from the inside


| SLIM SYSTEM |
|---|
| FIXING |
| **CT 83 Strong Fix** |
| INSULATION MATERIAL |
| **Phenolic Boards** |
| REINFORCED LAYER |
| **CT 85 Flex and CT 325 Glass Fibre Mesh** |
| PRIMING PAINT |
| **CT 16 Quartz Contact Priming Paint** |
| PLASTER |
| **CT 74 / CT 75 Silicone Self Clean** |
| PAINT |
| **CT 49 Nano Silicone Reno** |

Design and colouristic pallets:



NEW SYSTEMS

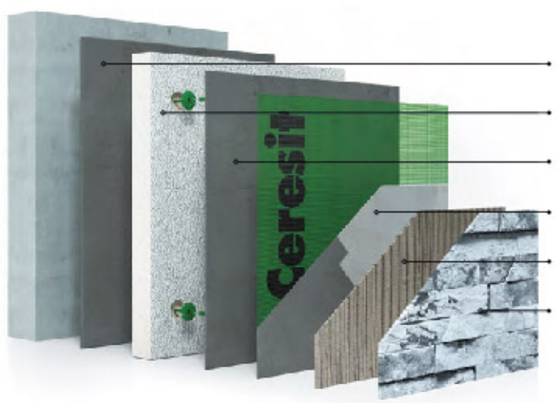
# **CERAMIC** SYSTEM

## Insulation and durability with a timeless design

### Characteristics

- System based on polystyrene or mineral wool
- Variable finishing options (ceramic tiles, natural stone, mosaic, clinker slabs)
- Excellent durability and weather resistance
- High resistance to algae and fungi due to finishing material properties
- Impact resistance
- Easier cleaning with low maintenance
- Sound insulation
- Certification: ETA Ceresit Ceretherm Ceramic

Recommended for:
- buildings with requirements of authentic design and long-lasting appearance
- facade design as a combination with plaster variants


| CERAMIC SYSTEM |
|---|
| FIXING |
| **CT 83 Strong Fix** |
| INSULATION MATERIAL |
| **EPS / MW Boards** |
| REINFORCED LAYER |
| **CT 85 Flex and CT 325 Glass Fibre Mesh** |
| PRIMING PAINT |
| **CT 17 Profi Primer** |
| TILING ADHESIVE |
| **CM 17 Super Flexible / CM 16 PRO / CM 22** |
| FINISHING LAYER |
| **Ceramic tiles / Clinker slabs / Mosaic / Natural stone (max size 0,36m²)** |

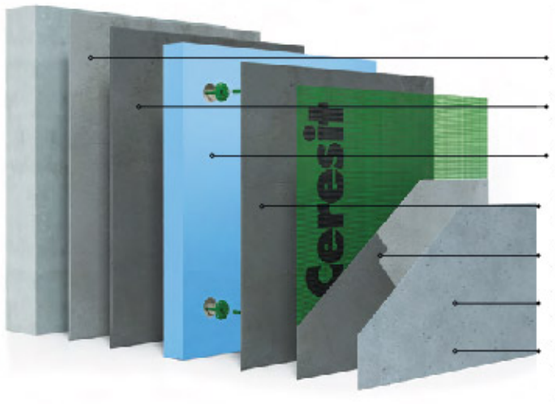


# **SOCKEL** SYSTEM
## Base insulation and protection

### Characteristics

- System based on extruded polystyrene (XPS)
- Impact resistance
- Resistance to algae and fungi contamination
- Build with fiber reinforced rendering mortar
- Flexible and durable
- Certification: ETA Ceresit Ceretherm Universal XPS

Recommended for:
- the base area of the building
- areas with exposure to mechanical loads and humidity


| SOCKEL SYSTEM |
|---|
| WATERPROOFING |
| **CR 166 Flexible 2-C / CR 65 / CR 90** |
| FIXING |
| **CT 80 Universal** |
| INSULATION MATERIAL |
| **XPS Boards** |
| REINFORCED LAYER |
| **CT 80 Universal and CT 325 Glass Fibre Mesh** |
| PRIMING PAINT |
| **CT 16 Quartz Contact Priming Paint** |
| PLASTER |
| **CT 77 / CT 710 / CT 74 Silicone Self Clean / CT 75** |
| PAINT |
| **CT 48 Silicone Self Clean / CT 49** |

Design and colouristic pallets:



# **VISAGE** SYSTEM
## Design plasters inspired by nature

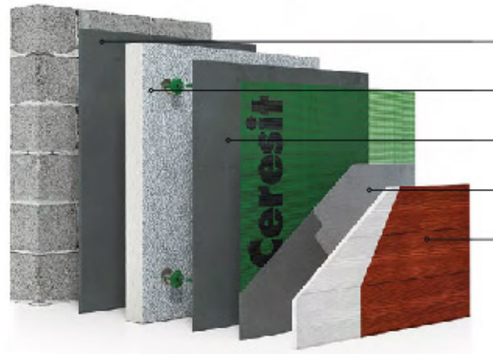
**Wood:** Beauty and warmth of natural wood in **12 different effects.**
- Doesn't attract woodworms or fade, and stands out for fire resistance
- Best choice for modern apartment estates, commercial buildings, family houses, also architectural details


**Concrete:** Raw industrial and contemporary look in **3 different shades of grey.**
- Offers unique results depending on application technique and the structure of background layers
- Best choice for finishing houses, offices and public buildings in the most modern style


**Stone:** Elegance and simplicity of granite in **10 different effects.**
- Doesn't add weight to the construction - the facade stays more solid and durable
- Best choice both for the whole facade, and for highlighting architectural details


**Brick:** Traditional cottage-like facade look with industrial vibes in **2 different effects and 12 colours.**
- Combines easy application and durability with trendy look
- Best choice for conveying modern interpretation of brick appearance on any façade


Certification: Ceresit Ceretherm Visage




| VISAGE SYSTEM |
|---|
| FIXING |
| **CT 83 Strong Fix** |
| INSULATION MATERIAL |
| **EPS Boards** |
| REINFORCED LAYER |
| **CT 85 Flex and CT 325 Glass Fibre Mesh** |
| PRIMING PAINT |
| **CT 16 Quartz Contact Priming Paint** |
| PLASTER |
| **CT 720 and CT 721 Visage Wood and CT 722 Anti-adhesive Agent** |
| **CT 710 Visage Granite** |
| **CT 760 Visage Architectural Concrete** |
| **CT 60 (0,5mm) Visage and Visage Stencils** |

## CERESIT CERETHERM FACADE ETICS SYSTEMS

### POPULAR

**Reliable and popular thermal insulation**

- **Reliable insulation system**
- Weather & impact resistant
- Economic solution

SUPPORTED BY TECHNOLOGIES

BioProtect

FINISHING PLASTER

ACRYLIC ELASTIC




### AQUASTATIC

**Insulates and resists water and humidity effects**

- **Dirt and water uptake resistant**
- Vapour permeable & hydrophobic
- Flexible & durable
- Resistant to thermal stresses and cracks

SUPPORTED BY TECHNOLOGIES

DoubleDry TECHNOLOGY

NEW FIBRE FORCE STRONG & FLEXIBLE

BioProtect

FINISHING PLASTER

SILICATE-SILICONE AQUASTATIC




### SELF CLEAN

**Advanced insulation system with self-cleaning properties**

- **Self-cleaning**
- Dirt and water uptake resistant
- Vapour permeable & hydrophobic
- Resistant to thermal stresses and cracks
- Highly flexible & durable

SUPPORTED BY TECHNOLOGIES

DoubleDry TECHNOLOGY

NEW FIBRE FORCE STRONG & FLEXIBLE

FINISHING PLASTER

SILICONE SELF CLEAN




| KEY SYSTEMS CHARACTERISTICS | | | |
|---|---|---|---|
| IMPACT RESISTANCE | • | •• | ••• |
| FIRE RESISTANCE CLASS* | B-s1, d0; B-s2, d0 | B-s1, d0; B-s2, d0; A2-s1, d0 | B-s1, d0; B-s2, d0; A2-s1, d0 |
| DIRT RESISTANCE | • | •• | ••• |
| WEATHER RESISTANCE | • | •• | ••• |
| VAPOUR PERMEABILITY* | • | ••/••• | ••/••• |
| WATER UPTAKE RESISTANCE | • | •• | ••• |
| COLOURS OPTIONS**** | HBW ≥ 25% | HBW ≥ 18% | HBW ≥ 18% |
| SPEED & CONVENIENCE OF APPLICATION | • | •• | •• |
| COLOUR AND DESIGN PALETTES | Colours of Nature, Mosaics Colours, VISAGE | Colours of Nature, Mosaics Colours***, VISAGE*** | Colours of Nature, Mosaics Colours***, VISAGE*** |

* Depending on rendering mortar, insulation material and plaster.
*** Some limitation in case of mineral wool based system.
**** Depending on plaster and rendering mortar.

• good •• very good ••• high •••• the highest

nature mosaics VISAGE



## CERESIT CERETHERM FACADE ETICS SYSTEMS

### SOLAR PROTECT

**Insulates and increases the resistance to solar radiation**

- **Higher resistance to UV and high colour stability**
- Self-cleaning
- Dirt & water uptake resistant
- Vapour permeable & hydrophobic
- Resistant to thermal stresses and cracks
- Extended colours options HBW ≥ 5%

SUPPORTED BY TECHNOLOGIES

DoubleDry TECHNOLOGY

NEW FIBRE FORCE STRONG & FLEXIBLE

UV Protect TECHNOLOGY

BioProtect

FINISHING PLASTER

SILICO-ELASTOMERIC SOLAR PROTECT


### AERO WOOL

**The most breathable and non-flammable insulation**

- **Super breathable**
- Highly vapour permeable
- The highest fire resistance
- High resistance to biological contamination
- Flexible & durable

SUPPORTED BY TECHNOLOGIES

DoubleDry TECHNOLOGY

NEW FIBRE FORCE STRONG & FLEXIBLE

FINISHING PLASTER

SILICATE AERO


### EXPRESS

**Super fast and convenient light weight insulation**

- **Super fast**
- Convenient
- Lightweight
- The most efficient
- Flexible & durable
- Extended application conditions from -10°C to 40°C for EPS and MW fixing

SUPPORTED BY TECHNOLOGIES

DoubleDry TECHNOLOGY

NEW FIBRE FORCE STRONG & FLEXIBLE

BioProtect

FINISHING PLASTER

SILICATE-SILICONE AQUASTATIC


### IMPACTUM

**The ultimate durability and protection againts any impacts**

- **The highest impact resistance up to 100 J**
- The highest flexibility
- The lowest water uptake
- Highly resistant to thermal stresses and cracks
- Extended colours options HBW ≥ 5%
- The ultimate performance and durability

SUPPORTED BY TECHNOLOGIES

DoubleDry TECHNOLOGY

NEW FIBRE FORCE STRONG & FLEXIBLE

FINISHING PLASTER

ELASTOMERIC IMPACTUM


| KEY SYSTEMS CHARACTERISTICS | SPECIALIZED SYSTEMS CHARACTERISTICS | | |
|---|---|---|---|
| ••• | •• | ••• | •••• |
| B-s1, d0; B-s2, d0; A2-s1, d0 | A2-s1, d0 | B-s1, d0; B-s2, d0 | B-s2, d0 |
| ••• | • | •• | ••• |
| ••• | •• | ••• | •••• |
| ••/••• | •••• | •• | • |
| ••• | •• | •• | •••• |
| HBW ≥ 5% | HBW ≥ 25% | HBW ≥ 18% | HBW ≥ 5% |
| •• | •• | •••• | ••• |
| Colours of Nature, Intense Colours | Colours of Nature, Mosaics Colours***, VISAGE*** | Colours of Nature, Mosaics Colours, VISAGE | Colours of Nature, Intense Colours, Mosaics Colours |

* Depending on rendering mortar, insulation material and plaster.
** Certain colours not available.
*** Some limitation in case of mineral wool based system.
**** Depending on plaster and rendering mortar.

• good •• very good ••• high •••• the highest

nature mosaics VISAGE intense

# CERESIT CERETHERM FACADE ETICS SYSTEMS

| SLIM | CERAMIC | SOCKEL | VISAGE |
|---|---|---|---|
|  |  |  |  |
| **Slim size insulation with top performance** | **Insulation and durability with a timeless design** | **Base insulation and protection** | **Design plasters inspired by nature** |
| · **Slim size for more living space and daylight**<br>· Very low thermal conductivity<br>· Resistant to dirt and water uptake<br>· Resistant to thermal stresses and cracks<br>· Highly advanced insulation system | · **Excellent durability and weather resistance**<br>· Impact resistant<br>· Low maintenance and easier cleaning<br>· Highly advanced insulation system | · **Resistant to algae and fungi contamination**<br>· Impact resistant<br>· Flexible and durable<br>· Advanced insulation system | · **Resistant to weather conditions**<br>· Resistant to abrasion<br>· Resistant to water absorption<br>· Flexible<br>· Wide range of optic effects<br>· Finishing layer - thin layer facade plasters |
| DoubleDry TECHNOLOGY, FIBRE FORCE NEW | FIBRE FORCE NEW | DoubleDry TECHNOLOGY, FIBRE FORCE NEW, BioProtect | BioProtect, FIBRE FORCE NEW |
| SILICONE SELF CLEAN | FINISHING LAYER OPTIONS: | MOSAIC SILICONE | VISAGE NATURAL STONE |
|  | · CERAMIC TILES<br>· CLINKER SLABS<br>· MOSAIC<br>· NATURAL STONE |  |  |

| NEW SYSTEMS CHARACTERISTICS | | | |
|---|---|---|---|
| •••/•••• | •••/•••• | ••• | •••/•••• |
| B - s1, d0 | B - s1, d0 | B - s1, d0; B - s2, d0; C - s2,d0 | B - s1, d0; C- s2, d0 |
| ••• | •••/•••• | ••• | •••/•••• |
| ••/••• | •••/•••• | ••/••• | •••/•••• |
| •/•• | •/•• | •/•• | •/•• |
| ••/••• | ••/••• | ••/••• | ••/••• |
| HBW ≥ 18% | N/A | HBW ≥ 25% | N/A |
| •• | • | •• | •• |
| Colours of Nature, Mosaics Colours, VISAGE | N/A | Colours of Nature, Mosaics Colours, VISAGE | VISAGE |

* Depending on rendering mortar, insulation material and plaster.
** Certain colours not available.
*** Some limitation in case of mineral wool based system.
**** Depending on plaster and rendering mortar.

• good
•• very good
••• high
•••• the highest




# FIBRE FORCE TECHNOLOGY

## Strong and flexible rendering mortars

Each component of ETICS system performs a certain function. The main purposes of reinforced layer made of glass fibre mesh and adhesive and reinforcing mortar is to protect insulation material, create substrate for the final layer and finally ensure durability of ETICS system. Only this way a building can be correctly insulated and its aesthetics prolonged.

**Ceresit ETICS adhesive and reinforcing mortars with Fibre Force Technology provide:**

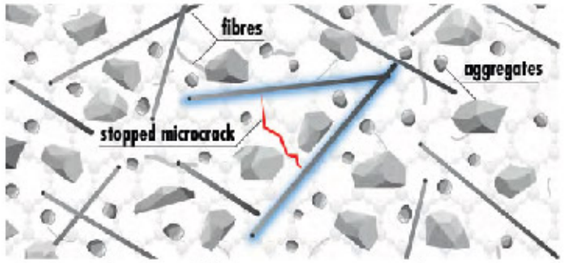
- **Strong and reinforced structure**
- **High impact and cracks resistance**
- **Excellent flexibility**
- **Excellent application parameters**
- **Durable and weatherproof ETICS system**

**Fibre Force Technology:**
Synergistic combination of mineral and natural fibers used in adhesive and reinforcing mortars provides additional reinforcement to rigid cementitious matrix structure. When performing under stress in changing weather condition mortar is more flexible and less susceptible to thermal tensions. Reinforcing mortar strengthened with fibres is durable and can stand high impact.

Unique combination of various types of fibers forms a specific three-dimensional matrix which in combination with a glass fiber mesh creates interpenetrating and complementary configuration that prevents the formation of cracks, micro-scratches and compensates stress derived from external factors like large amplitudes of temperature. Additionally, fibers improve the post-cracking behavior by mechanically bonding the microcracked material and blocking further crack propagation.

New Fibre Force Technology used in Ceresit cement based mortars allows to create reinforced layer with advanced properties like high elasticity and resistance to cracks. Additionally, reinforcing mortars with Fibre Force Technology can work synergistically with Ceresit finishing coats enriched with Double Dry Technology, together creating flexible, resistant to weather conditions and durable ETICS system.

**Rendering mortar with Fibre Force composition**




Unique combination of fibres stopping microcrack

ETICS system with focus on rendering mortar strenthened with Fibre Force unique fibres combination.

# **CERESIT ETICS** SYSTEMS APPROACH – FIXING

## Adhesive mortars

### ZS / CT 81

Adhesive mortar for EPS – for fixing expanded polystyrene boards for thermal insulation of buildings in ETICS systems

- Economical
- Good adhesion
- Weather conditions resistant
- Part of Popular system

**Packaging:**
Bags of 25 kg



### CT 83

STRONG FIX

Adhesive mortar for EPS – for fixing expanded polystyrene boards for thermal insulation of buildings in ETICS systems

- High adhesion to mineral substrates and EPS-boards
- Very good working parameters
- Weather conditions resistant
- Part of Aquastatic, Self Clean and Impactum systems

**Packaging:**
Bags of 25 kg



### CT 180

MW STRONG FIX

Adhesive mortar for MW – for fixing mineral wool boards for thermal insulation of buildings in ETICS systems

- High adhesion to mineral substrates and mineral wool
- Very good workability
- Resistant to weather conditions
- Vapour permeable
- Highly durable
- Part of Aero Wool, Aquastatic and Self Clean systems

**Packaging:**
Bags of 25 kg



### CT 84

EXPRESS PLUS

Polyurethane adhesive for EPS and MW boards – one component, low pressure PU adhesive for fixing EPS and MW boards for thermal insulation of buildings in ETICS systems

- Super efficient (10 m²; +100% vs traditional cementitious adhesive)
- High adhesion strength
- Superquick
- Anchoring after only 2 hours
- Low expansion and high homogeneity
- Extended application conditions (-10°C to +40°C)
- Low weight – perfect for thermal renovation ETICS on ETICS
- More efficient insulation thanks to enhanced thermal insulation properties

**Packaging:**
Metal containers of 850 ml



# CT 84 EXPRESS PLUS
## Quick and convenient styrofoam fixing

**Fast and easy thermal insulation**

Traditional cement adhesives require to handle many heavy bags, which are inconvenient to transport and carry around. And you have to prepare mortar that is a messy, dusty job. **CT 84 Express** is notably different. **Ready to use** straight from a container and applied with a guns, guarantees **clean and very fast work**. It is also more efficient – stronger in adhesion and allowing for more EPS boards to be fixed.

- Increased adhesion in winter conditions
- Speed - anchoring possible after 2 hours
- Low expansion
- Perfect for filling gaps between the EPS or MW plates

**Scope of use:**

- Ceresit CT 84 is a polyurethane adhesive used for fixing Expanded Polystyrene & MW boards in Ceresit Ceretherm Systems for thermal insulation of external building walls (ETICS).
- CT 84 can be used for fixing foamed polystyrene & MW boards in providing thermal insulation for newly erected buildings and those subjected to renovation of thermal insulation.
- fixing such material as EPS and XPS foamed polystyrene on such substrates as wood, OSB board, glass, bitumen, ceramic bricks, concrete, coated and galvanized steel, aerated concrete dry and after water impact, drywall
- bonding EPS boards, windowsills (after degreasing the surface)
- filling the gaps between EPS boards

Improved adhesion in winter conditions (up to -10°C)

Higher adhesive strength

Anchoring after 2h

100% higher yield than traditional cement adhesives




# CERESIT ETICS SYSTEMS APPROACH – REINFORCED LAYER
## Adhesive and reinforcing mortars

### ZU / CT 82

Adhesive and reinforcing mortar for EPS – for fixing expanded polystyrene boards and for applying a thin reinforced layer for thermal insulation of buildings in ETICS systems

- Flexible
- Durable
- Good adhesion
- Resistant to weather conditions
- Part of Popular systems

**Packaging:**
Bags of 25 kg



### CT 80

UNIVERSAL

Adhesive and reinforcing mortar for EPS / XPS / MW – for fixing expanded polystyrene boards, XPS and mineral wool boards and for applying thin reinforced layer for thermal insulation of buildings in ETICS systems

- 4 in 1 – for fixing and reinforcing layer, for EPS and MW
- Flexible and durable
- Strengthened with fibres (Fibre Force technology)
- Vapour permeable
- Good adhesion
- Resistant to weather conditions
- Part of Aquastatic and Self Clean systems

**Packaging:**
Bags of 25 kg




# **CERESIT ETICS** SYSTEMS APPROACH – REINFORCED LAYER

## Adhesive and reinforcing mortars

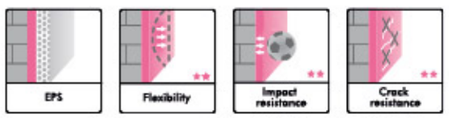
**CT 85**

### FLEX

Adhesive and reinforcing mortar for EPS – for fixing expanded polystyrene boards and for applying thin reinforced layer for thermal insulation of buildings in ETICS systems

- Flexible and highly resistant to mechanical impacts
- Strengthened with unique combination of fibres (Fibre Force technology)
- Resistant to hairlines and cracks
- High adhesion to substrates
- Vapour permeable
- Low water absorption
- Part of Aquastatic and Self Clean systems

**Packaging:**
Bags of 25 kg





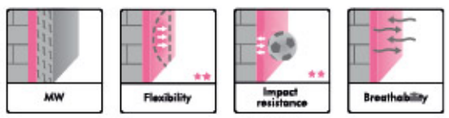
**CT 190**

### MW FLEX

Adhesive and reinforcing mortar for MW – for fixing mineral wool boards and for applying thin reinforced layer for thermal insulation of buildings in ETICS systems

- Flexible and highly resistant to mechanical impacts
- Strengthened with unique combination of fibres (Fibre Force technology)
- Resistant to hairlines and cracks
- High adhesion to mineral substrates and mineral wool
- Highly vapour permeable
- Low water absorption
- Part of Aquastatic, Self Clean and Aero systems

**Packaging:**
Bags of 25 kg





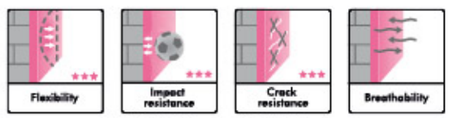
**CT 87**

### WHITE FLEXIBLE

Adhesive and reinforcing mortar for EPS and MW – for fixing expanded polystyrene boards, mineral wool boards and for applying thin reinforced layer for thermal insulation of buildings in ETICS systems (4 in 1)

- Quick in application – no priming paint
- Strengthened with unique combination of fibres (Fibre Force technology)
- Efficient – lower consumption per m²
- Resistant to hairlines and cracks
- Highly vapour permeable
- Low water absorption
- Flexible and highly resistant to mechanical impacts
- Light weight
- Part of Express System

**Packaging:**
Bags of 25 kg





**CT 100**

### IMPACTUM

One component, flexible dispersion reiforcing compound for applying thin layer reinforced layer for thermal insulation of buildings in EPS based on ETICS systems

- Highly flexible
- Fibre-reinforced
- Resistant to extreme mechanical loads (100 J) and thermal stresses
- Resistant to extreme climatic conditions
- Highly hydrophobic
- Cracks bridging up to 2 mm
- Quick in application – ready tu use, no priming paint
- Extremely durable
- Part of Impactum System

**Packaging:**
Bags of 25 kg


# **CERESIT ETICS** SYSTEMS APPROACH – REINFORCED LAYER
## Reinforcing mesh

**CT 325**

### GLASS-FIBRE MESH

Reinforcing mesh for Ceresit ETICS systems

- Alkali-resistant
- Slipproof
- Tearproof
- Density ≥ 160 g/m²
- Part of Ceresit ETICS systems

Reinforcing mesh for embedding into reinforcing mortars for Ceresit External Thermal Insulation Composite Systems (ETICS). For facades or pedestals exposed to higher mechanical loads, it is recommended to use CT 325 in two layers or use higher density mesh of 330 g/m².

**Packaging:**
Roll of 1.1 m width and 50 m length


**CT 327**

### GLASS-FIBRE ARMORING MESH

Reinforcing mesh for Ceresit ETICS systems

- Alkali-resistant
- Slipproof
- Tearproof
- Improves impact resistance
- Density ≥ 330 g/m²
- Part of Impactum system

Reinforcing and armoring "panzer" glass fibre mesh for embedding into reinforcing mortars for Ceresit External Thermal Insulation Composite Systems (ETICS).
It is recommended to use for facades with higher mechanical loads.

**Packaging:**
Roll of 1.0 m width and 25 m length




# **CERESIT ETICS** SYSTEMS APPROACH – PRIMING
## Priming paints

**CT 15**

### PRIMING PAINT

Silicate-polimer priming agent,
to prime the substrates for thin layer silicate plasters

- Waterproof
- Vapour permeable
- High opacity
- Facilitates application of plasters, improves their adhesion to mesh reinforced layer
- Strenghtens substrate's resistance to water absorption
- Part of Aero Wool and other Ceresit systems

**Packaging:**
Plastic buckets of 10 l


SUPPORTS DoubleDry TECHNOLOGY

**CT 16**

### QUARTZ CONTACT PRIMING PAINT

Dispersion of synthetic resins to prime the substrates for thin layer mineral, acrylic, silicate-silicone, silicone and elastomeric plasters

- Powerful adhesion between the reinforced layer and the plaster
- Solid base for Double Dry Technology due to low absorbency & vapour permeability
- Waterproof
- High opacity
- Strengthens substrate's resistance to water absorption
- Compatible with most of Ceresit ETICS system, but especially recommended for highly vapour permeable systems (Self Clean, Aero Wool) and plasters V1 class as allows vapour to migrate outside the system's layers
- A wide range of applications, both outdoor and indoor
- Prolonged working season due to possibility of suspension of the insulation work for winter

**Packaging:**
Plastic buckets of 10 l


Strong Bond

SUPPORTS DoubleDry TECHNOLOGY

# Externalize your nature!

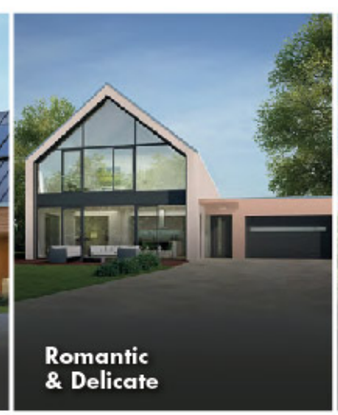
COLOURS OF nature

## COLOURS OF NATURE – PLASTERS & PAINTS PALETTE

The human personality has a lot of hues. Because of this, we have locked **516** incredible colours into the **Colours of Nature** palette. We created them according to **colour psychology** and the **latest architectural and design trends,** dividing hues into 4 categories that express human characteristics and emotions.

With Colours of Nature you will be able to create amazing colour combinations and make the facade of your house stylish, unique and matched not only to **the surroundings**, but also to **your nature.**









# INTENSE COLOURS – PLASTERS & PAINTS PALETTE

The palette contains **36 bold and intense colours inspired by the natural beauty of jewels, by their colour intensity and overall strength:** from noble yellow, through emerald green, to diamond gray. Just as jewels are prestigious, long lasting and colour strong, so are the colours of Ceresit. Show your nature and choose hues which correspond with both current and future colour trends.

## AMBER

Amber has been appreciated for its colour and natural beauty since ancient times. Here it comes in five tones which will add energy and good spirit to every house's facade.

## RUBY

Ruby is considered to be the most powerful jewel in the universe and so is the ruby colour. Six tones of this energizing colour are designed to attract attention.

## QUARTZ

A variety of five brown tones, which are warm and friendly to the eye. They communicate a love for nature and look good on suburban and city housing.

## AMETHYST

Five tones of amethyst violet, a gemstone, which has the power to focus energy. These colours brighten the outlook on life and will make the estate stand out from others.

## SAPPHIRE

Sapphire blue colours promote optimism, strength and elegance. With five different shades everyone will find a favourite sapphire to complement the modern style of their house.

## EMERALD

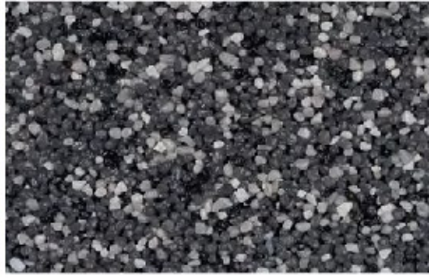
Five shades of smart greens inspired by the eternal beauty of emerald stones. A fresh, bright look of any house all the year round.

## DIAMOND

Diamond is the hardest jewel and one of the most valued. With our diamond colours varying from grey to deep black, the ideas of minimalisms in architecture find their way.

When selecting the colours for the facade, the HBW index (Light Reflectance Value) should be taken into consideration. The lower this index, the higher the absorption of light by the colour, which means the risk of thermal stresses leading to cracks. Colours with an HBW index above 25% are recommended. Colours within Ceresit Intense Colour System have HBW index as low as 5% and above therefore they should be applied within insulation systems of extreme durability and flexibility to avoid damage like Ceresit Impactum.

**Special colours come with special system**
Strong colours of Ceresit Intense Colour System can be used on the facade thanks to technologically advanced elastomeric plaster Ceresit CT 79 Impactum. Those products pose no risk as they are so flexible that they compensate thermal stresses. At the same time, Impactum products maintain their high resistance to UV radiation, fading and discolouration. Moreover, they keep the facade well-protected against development of microorganisms, water penetration, dirt pick-up and mechanical damage.

UV Protect TECHNOLOGY

mo
sa
ics
COLOURS

# MOSAICS COLOURS – PLASTERS PALETTE

**Your nature is a mosaic of unique features. Externalize it by finding the perfect mosaic for your facade!**

Deserts and mountain ranges, volcanic areas and huge glaciers all shimmer with the richness of shades. **Inspired by the multicoloured compositions of nature**, we have created an exceptional collection of colours called Mosaics Colours.

Choose a colour theme that suits you best and enjoy the effects on your home!

NEW

**HIMALAYA** The world'shighest snow-covered mountain range with majestic irregular peaks challenges many to be conquered by its mere presence. Choose stone-cold shades of grey for a bold and edgy looking facade.

**GRANADA** Whiteness threaded with ash, grey warmed by beige, glittering silver – these are the colours of Andalusia and Sierra Nevada.

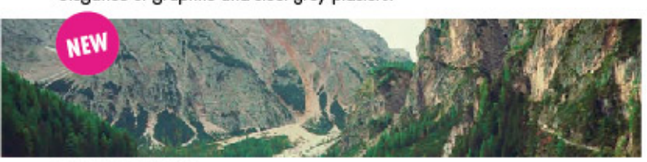
**MOROCCO** Sunrises and sunsets from desert landscape also illuminate the facade pink and grey shades.

**PERU** Find your inspiration in moony landscape of Peru, choosing precious bronzes covered by a delicate layer of muted pink.

**TIBET** Impressive landscapes of Tibet have been the inspiration for calm elegance of graphite and steel-grey plasters.

**SIERRA** Dominating in the mountain landscape bronzes refined by grey introduce plasters glittering with multiple shades.

NEW



**DOLOMITES** Pale-colored, uniquely formed peaks with vertical sheer rock walls and cliffs – Dolomites offer some of the most breathtaking views to the keen observers passionate about the raw beauty of nature.

**CHILE** Saturated bronzes and shiny greys threaded by whiteness ideally reflect full of contrasts landscapes.



# CT 77 PREMIUM MOSAIC PLASTER

## Decorative thin-layer mosaic plaster

**Does your regular facade seem flat and missing the point? It's time to put YOU in YOUR home with Ceresit premium mosaic plaster!**


**Decorative thin-layer plaster for indoor and outdoor applications.**

- High Milky effect resistance
- Strong UV resistance – no color fading or embrittlement
- Resistant to changing weather conditions
- Resistant to dirt – easy to keep clean
- Simplified colour mixing
- Smooth and easy to spread
- Available in 48 colours

## MILKY EFFECT RESISTANCE

UP TO 3X STRONGER RESISTANCE*

When mosaics come into contact with rain, they lose their transparency and become hazy and whitish. We designed CT 77 to combat this phenomenon, which we call a milky effect.


## UV RESISTANCE

NOW 2X STRONGER RESISTANCE*

UV light is the ultimate destroyer of mosaics. Protect the longevity of the color and reduce the brittleness of your mosaics with CT 77.


* vs old Ceresit CT 77

# visage

## VISAGE – DESIGN PLASTERS

Following contemporary trends, architects often choose natural materials such as stone and wood to make them the dominant or complementary finish of the facade. Brick and concrete are also often used to accomplish individual investors' concepts. Unfortunately the real materials prove to be not only very expensive, but also difficult to transport and work with.

Many year experiences in the field of building materials coupled with our knowledge of architectural trends made us launch VISAGE – the line of plasters and paints inspired by nature. It is a perfect answer to the challenges of contemporary design that value unique and experimental visual ideas.

The latest VISAGE edition has been refreshed with new colours and texture corresponding with design trends. This impressive choice allows to bring to life practically any facade project without the difficulties of using natural materials.

### The VISAGE Wood Effect Plasters

Are a perfect answer for everybody who is looking for advanced materials which can re-create the beauty and warmth of natural wood. Within collection you have a choice of 12 different effects, 6 of which are totally new proposals made to satisfy modern taste. From a practical point of view unlike real wood, VISAGE wood plasters do not attract woodworms, do not fade and what is most important stand out for fire resistance.

White Birch NEW

Silver Grey NEW

Light Beige NEW

Steel Grey NEW

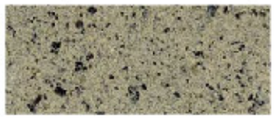
Dark Brown NEW

Africa Ebony NEW

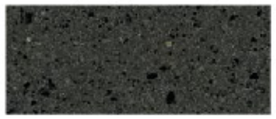
### The VISAGE Stone Effect Plasters

Come in an extensive range of granite colours, just like its natural counterpart. Thanks to mélange composition, they give the facade a very special distinguishing look. This group of products has been strongly refreshed – 8 brand new effects guarantee elegant and modern appearance of any facade. Being lightweight, they do not affect the building's structure so they can be applied not only to the facades of new buildings, but also the old ones in need of renovation.

Malaga Cream NEW



Norway Grey NEW



Bolivia Red NEW

Africa Red NEW

Etna Grey NEW

California Sand NEW

Madeira Green NEW

Calcutta Anthracite NEW

### The VISAGE Special Effect Plasters

Include products that can create the effect of various brick patterns as well as concrete-like effect. Two available brick stencils combined with 12 different colours give a vast finishing possibilities. This modern interpretation of brick appearance combines easy application and durability. Architectural Concrete Plaster comes in three shades of grey and in multiple concrete-like textures. This is a perfect solution to obtain minimalistic and eye-catching facades.

**Concrete effect plasters**

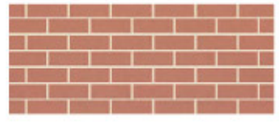
Sydney Light

Tokyo Graphite

**Stencil effect plasters**

Stencil: Boston Brick

Stencil: London Brick




# DOUBLE DRY TECHNOLOGY
## Double protection for facade

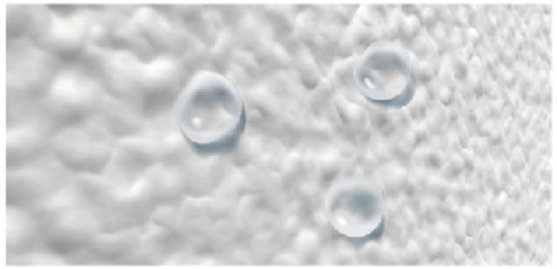
During the years of its lifetime, each facade is exposed to many unfavorable factors. Dust, dirt, soot, industrial or traffic pollution, rain and wind influence the appearance of the facade and favour or accelerate the dirt adhesion and growth of algae and fungi. Those factors can also result in facade's discolouration and gradual corrosion of the deeper layers of the ETICS insulation system.

To avoid those problems, Ceresit silicone and silicate-silicone plasters and paints formulas have been empowered by Double Dry Technology based on double protection mechanism:

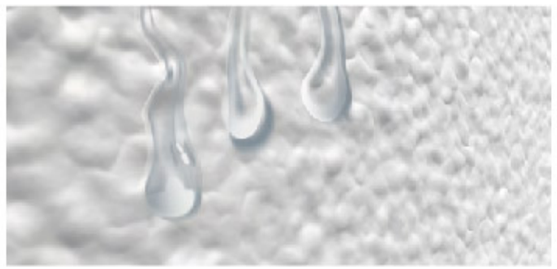
1. Plasters and paints are hydrophobic and extremely resistant to water absorption.
2. Dry out much faster thanks to perfect vapour permeability.

This way their surface dries out very quickly and is resistant to moisture accumulation.

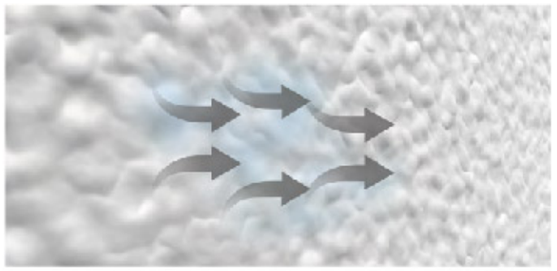
### Double Dry Technology:



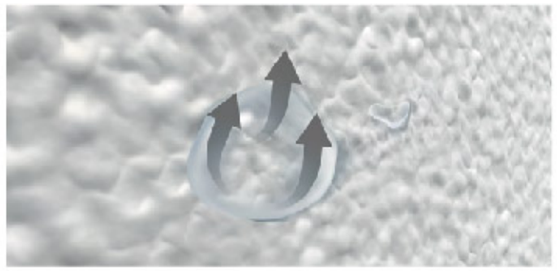
**Hydrophobic effect**
Water droplets do not penetrate the structure of the coating, but keep the round shape and run down the facade.



**The highest resistance to water absorption**
Surface and inner structure of the coating is well-protected against water uptake; it does not get wet easily.



**Perfect vapour diffusion**
Coating's surface is not only water resistant, but also highly vapour permeable. Any moisture left after rainfalls is moved outside and it dries out thoroughly quickly.



**Quick drying**
Thanks to the double mechanism, the coating's surface dries out very quickly and is resistant to moisture accumulation.

## CT 76 SOLAR PROTECT
with UV Protect Technology

### Solar Radiation the source of two threats to the facade:

Free radicals

Exposure to UV

### What are free radicals?

They are formed in the plaster coating by photochemical processes under the influence of sunlight and harmful UV radiation. Free radicals are destroying the polymer bonds, which in turn, are no longer able to hold the pigments in their structure.

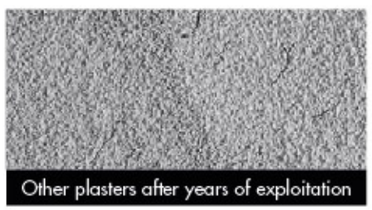
### What are the effects?

- Fading colours
- Embrittlement of the plaster
- Cracking and blistering
- Plaster delamination
- Facade becomes vulnerable to algae and fungal attack

### The solution – CT 76 Solar Protect with UV Protect Technology

Ceresit developed CT 76 as a solution to the problem of the destructive influence of solar radiation. The key element of this innovative plaster is the new UV Protect Technology based on light stabilizers – UV absorbers and free radical scavengers. The light stabilizers effectively combat free radicals and their destructive impact on the product's coating. Ceresit CT 76 contains an optimal combination of silicon and elastomeric dispersion, which provide us excellent flexibility, high level of diffusion, resistance and low water absorption.

Destructive influence of the sunlight



Other plasters after years of exploitation


Ceresit CT 76 after years of exploitation



# CT 76
## SOLAR PROTECT

### How does it work?

**UV Protect Technology** is based on UV absorbers and free radical scavengers which are activated by the solar energy and oxygen. They become an invisible shield, which ensures the safety of the plaster and thus of the facade.

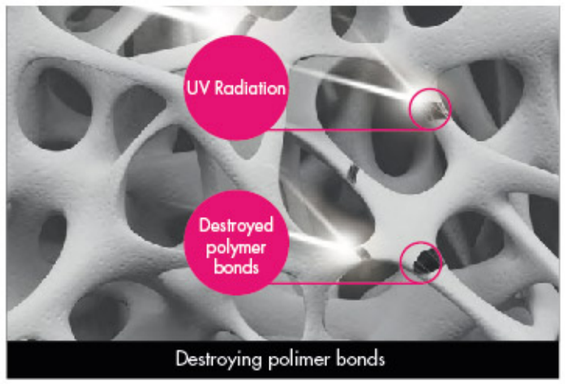
**UV absorbers** – absorb demaging UV radiation like a filter on your facade.

Thanks to the UV absorbers, the plaster protects even deeper film sections.

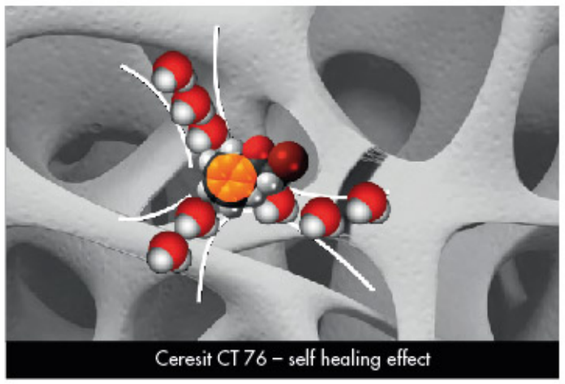
**Free radical scavengers** – their task is to protect the facade against the effects of free radicals, which destroy polymer bonds in the plaster structure. Free radical scavengers trap and deactivate the free radicals before the further reactions leading to polimer degradation.
Free radical scavengers are activated by the action of light and oxygen and contribute to the self-healing process of polymer bonds inside the plaster structure.

Thanks to free radical scavengers:

- Polymer bonds are protected
- Destroyed polymer matrix is regenerate
- Polymer bonds are strong and the plaster surface is seal.


Destroying polimer bonds



Ceresit CT 76 – self healing effect

### SURFACE DURABILITY

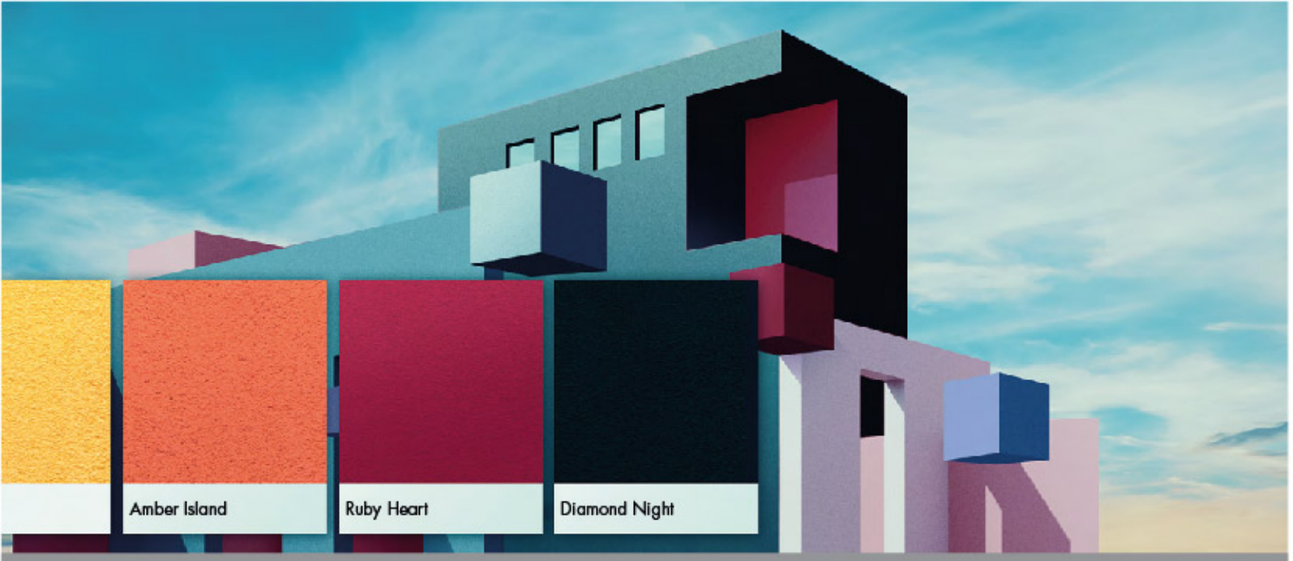
Extended surface durability thanks to improved protection of the polymer bonds against free radicals and possibility to regenerate them.

### STABILITY OF THE COLOUR

Improved colour light fastness and colour stability thanks to pigments' particles protections against UV and free radicals.

### WIDE COLOUR RANGE


Extended colouristic options
– 516 Colours of Nature and 36 Intense colours.



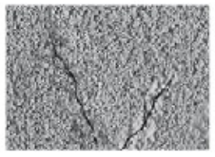

## CT 110 SOLAR PROTECT

No color compromises for your facade

# MAJOR THREAT TO YOUR INTENSE-COLOURED FACADE?

It's solar radiation. Composed of visible and invisible light (UV, IR), it heats up facades, destroying polymer bonds. In effect, they are sensitive to 4 different problems:

cracking



fading

discoloration

delamination

It is especially hazardous for dark, bold tones of facade paints that are more and more popular among architects and investors.

They:

- add energy and good spirit to every house's facade,
- attract attention and make the estate stand out from others,
- complement the modern and minimalistic style of the house.

Due to all the challenges, maybe it's better to avoid them?

## DON'T LIMIT YOURSELF WITH NO COLOR COMPROMISES SOLUTION - CT 110 SOLAR PROTECT

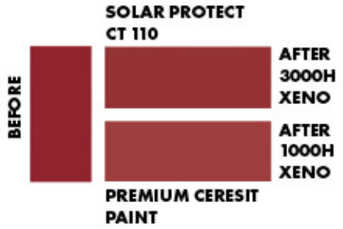
It was created with intense colors in mind to ensure their extraordinary stability. Optimal combination of state of the art ingredients – selected and modified acrylic, silicone and polysiloxane resins with fillers and pigments – in CT 110 SOLAR PROTECT guarantees outstanding performance and resistance.

Create a unique look of the house, complement its modern style and definitely make it stand out with colours intense as new, year after year!



# CT 110

## 3X BETTER COLOUR STABILITY*




This extraordinary stability* has been proved in Xenotest - simulation of years of normal facade exposition to changing weather conditions. During this multi stage test facade's the colors have been exposed to thousands of cycles of UV and rain to show its durability.


## HOW DOES IT WORK?

We've combined 3 technologies to achieve the outstanding effects.

UV Protect TECHNOLOGY

**UV PROTECT**

The light stabilizers effectively combat free radicals and their destructive impact on the products' coating.

BOOST COLOR

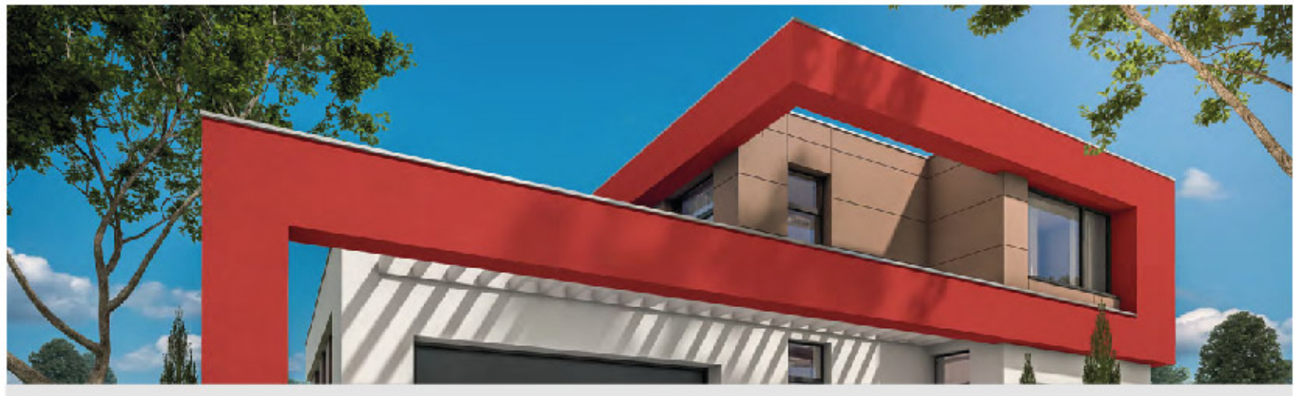
**BOOST COLOR**

Due to combination of specially selected pigments with optimized TSR value, Boost Colour provides better color stability by 15%.

EXTREME DURABILITY

**HIGH QUALITY BASES**

Extremely durable and state of the art bases, which keep colors untouched for long time.



## CT 110 SOLAR PROTECT GUARANTEES:

**Excellent coverage**

- The highest level of coverage proved with class 1 rating.
- Perfect opacity for all colors, even for the most demanding ones like white and yellow.
- Lower consumption: no extra layers are needed.

**Long renovation cycles: crack bridging ability**

- Keeping micro cracks hidden.
- Protection against moisture, mould and dirt migration.
- A2 class of crack bridging according to EN 1062-1.

**Long renovation cycles: no water marks**

- No color difference between dry and wet surfaces, even in low temperature and high humidity conditions.
- No unaesthetic discoloration in spraying test.

**Long renovation cycles: self-cleaning properties**

- Keeping facade clean and free from water marks.
- Low water absorption of painted surface, preventing from water shades and discoloration.
- Self-cleaning properties.

*compared with Ceresit Premium Silicone Paint/ standard, based on 3.000 h artificial weathering test

# **CERESIT ETICS** SYSTEMS APPROACH
## Supporting products

### CT 240

#### WINTER

Accelerating additive for binding and drying of plaster and paint coatings in the conditions of low temperatures and higher air humidity in late autumn and early spring

- Extends application conditions to 0°C
- Compatible with Ceresit wet plasters and paints (acrylic, silicate-silicone, silicone ones and CT 16 priming paint)
- Neutral for other properties of the products used with
- Easy to use

**Packaging:**
Plastic container 100 ml


### CT 280

#### WINTER

Accelerating additive for binding and drying of ETICS adhesive mortars and rendering mortars in the conditions of low temperatures and higher air humidity in late autumn and early spring

- Extends application conditions to 0°C
- Compatible with Ceresit adhesive mortars and adhesive and rendering mortars (ZS/CT 81, ZU/CT 82, CT 83, CT 180, CT 80, CT 85, CT 190, CT 87)
- Neutral for other properties of the products used with
- Easy to use

**Packaging:**
Plastic container 250 g




# **CERESIT ETICS** SYSTEMS APPROACH – FINISHING LAYER
## Thin layer facade plasters

### CT 35

#### MINERAL DRY

Mineral plaster in woodworm structure
grain size 2.5 mm or 3.5 mm

- Highly vapour permeable
- Highly non-flammable
- Especially recommended for mineral wool based ETICS
- Naturally resistant to biological contamination (algae and fungi)
- Resistant to weather conditions and durable
- Available in different grain sizes
- Colours of Nature colours achieved by painting by Ceresit facade paints (CT 54 paint recommended)
- Part of Aero, Popular systems

**Packaging:**
Bags of 25 kg

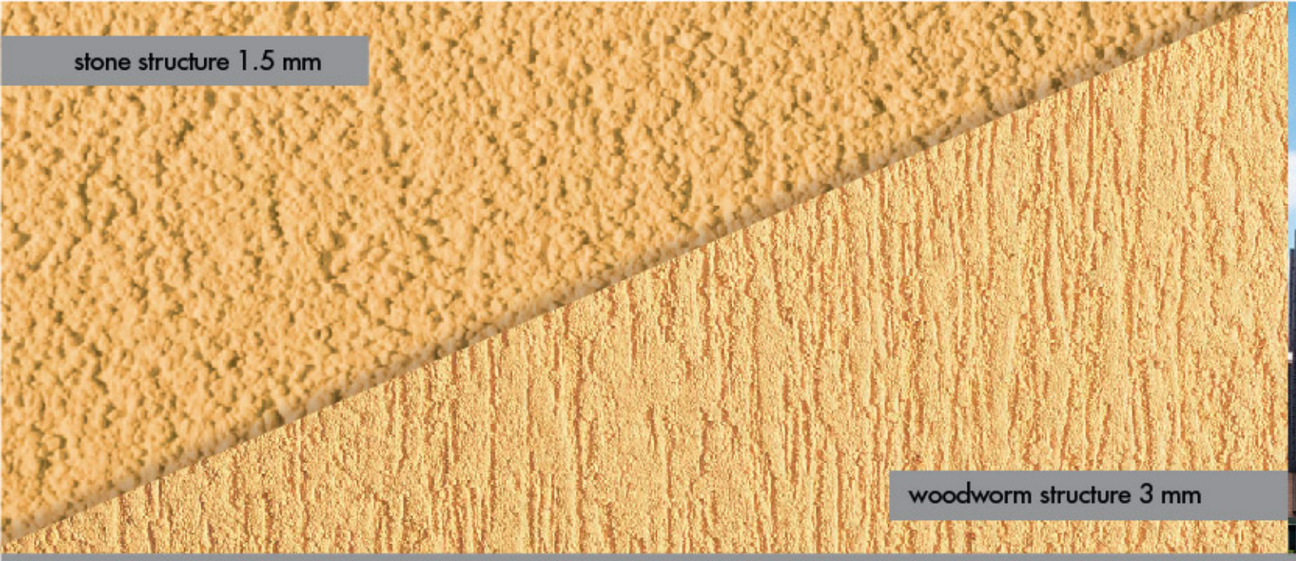

### CT 137

#### MINERAL DRY

Mineral plaster in stone structure
grain size 1.5 mm, 2.0 mm or 2.5 mm

- Highly vapour permeable
- Highly non-flammable
- Especially recommended for mineral wool based ETICS
- Naturally resistant to biological contamination (algae and fungi)
- Resistant to weather conditions and durable
- Available in different grain sizes
- Colours of Nature colours achieved by painting by Ceresit facade paints (CT 54 paint recommended)
- Part of Aero, Popular systems

**Packaging:**
Bags of 25 kg




# **CERESIT ETICS** SYSTEMS APPROACH – FINISHING LAYER

## Thin layer facade plasters

**CT 60**

### ACRYLIC ELASTIC

Acrylic plaster in stone structure
grain size 1.5 mm, 2.0 mm or 2.5 mm

- Elastic
- Resistant to water uptake
- Resistant to fungi and algae development (BioProtect)
- Resistant to weather conditions and damage
- Available in different grain sizes
- Available in wide colouristic palettes: Colours of Nature
- Part of Popular, Express, Impactum systems

**Packaging:**
Plastic containers of 25 kg

**CT 63**

### ACRYLIC ELASTIC

Acrylic plaster in woodworm structure
grain size 3.0 mm

- Elastic
- Resistant to water uptake
- Resistant to fungi and algae development (BioProtect)
- Resistant to weather conditions and damage
- Available in wide colouristic palettes: Colours of Nature
- Part of Popular, Express, Impactum systems

**Packaging:**
Plastic containers of 25 kg

**CT 64**

### ACRYLIC ELASTIC

Acrylic plaster in woodworm structure
grain size 2.0 mm

- Elastic
- Resistant to water uptake
- Resistant to fungi and algae development (BioProtect)
- Resistant to weather conditions and damage
- Available in wide colouristic palettes: Colours of Nature
- Part of Popular, Express, Impactum systems

**Packaging:**
Plastic containers of 25 kg

**CT 174**

### SILICATE-SILICONE AQUASTATIC

Silicate-silicone plaster in stone structure
grain size 1.5 mm or 2.0 mm

- Hydrophobic, water does not penetrate the surface
- Vapour permeable with low water absorption (Double Dry Technology)
- Resistant to dirt pick-up
- Resistant to weather conditions and damage
- Resistant to fungi and algae development (BioProtect)
- Available in different grain sizes
- Available in a special version for quick, machine application (CT 174 Machine)
- Available in wide colouristic palettes: Colours of Nature
- Part of Aquastatic, Express, Impactum and Popular systems

**Packaging:**
Plastic containers of 25 kg





# **CERESIT ETICS** SYSTEMS APPROACH – FINISHING LAYER

## Thin layer facade plasters

**CT 174 MACHINE**

### SILICATE-SILICONE AQUASTATIC

Silicate-silicone plaster in stone structure
grain size 1.0 mm

- Dedicated for machine application
- Optimised low consumption
- Shortened application time
- Hydrophobic, resistant to water uptake
- Vapour permeable
- Resistant to weather conditions and damage
- Available in wide colouristic palettes: Colours of Nature
- Part of Aquastatic, Express and Popular systems

**Packaging:**
Plastic containers of 25 kg

**CT 175**

### SILICATE-SILICONE AQUASTATIC

Silicate-silicone plaster in woodworm structure
grain size 2.0 mm

- Hydrophobic, water does not penetrate the surface
- Vapour permeable with low water absorption (Double Dry Technology)
- Resistant to dirt pick-up
- Resistant to weather conditions and damage
- Resistant to fungi and algae development (BioProtect)
- Available in wide colouristic palettes: Colours of Nature
- Part of Aquastatic, Express, Impactum and Popular systems

**Packaging:**
Plastic containers of 25 kg

**CT 72**

### SILICATE AERO

Silicate plaster in stone structure
grain size 1.5 mm, 2.0 mm or 2.5 mm

- Highly vapour permeable, breathable (Aero Pro technology)
- Especially recommended for mineral wool based ETICS
- Strongly resistant to fungi and algae development (BioProtect)
- Biological contamination resistance strengthened by high PH
- Resistant to water uptake
- Resistant to weather conditions
- Available in different grain sizes
- Available in colouristic palettes: Colours of Nature
- Part of Aero, Popular, Express, Impactum systems

**Packaging:**
Plastic containers of 25 kg

**CT 73**

### SILICATE AERO

Silicate plaster in woodworm structure
grain size 2.0 mm

- Highly vapour permeable, breathable (Aero Pro technology)
- Especially recommended for mineral wool based ETICS
- Strongly resistant to fungi and algae development (BioProtect)
- Biological contamination resistance strengthened by high PH
- Resistant to water uptake
- Resistant to weather conditions
- Available in colouristic palettes: Colours of Nature
- Part of Aero, Popular, Express, Impactum systems

**Packaging:**
Plastic containers of 25 kg




# **CERESIT ETICS** SYSTEMS APPROACH – FINISHING LAYER

## Thin layer facade plasters

### CT 74

### SILICONE SELF CLEAN

Silicone plaster in stone structure
grain size 1.5 mm, 2.0 mm or 2.5 mm

- Self-cleaning
- Highly resistant to dirt pick-up including aggressive dirts from air pollution
- Hydrophobic, water does not penetrate the surface
- Highly vapour permeable with very low water absorption (Double Dry Technology)
- Elastic and impact resistant
- Highly durable and resistant to weather conditions
- Resistant to fungi and algae development (BioProtect)
- Available in different grain sizes
- Available in wide colouristic palettes: Colours of Nature
- Part of Self Clean, Express, Impactum and Popular systems

**Packaging:**
Plastic containers of 25 kg

### CT 75

### SILICONE SELF CLEAN

Silicone plaster in woodworm structure
grain size 2.0 mm

- Self-cleaning
- Highly resistant to dirt pick-up including aggressive dirts from air pollution
- Hydrophobic, water does not penetrate the surface
- Highly vapour permeable with very low water absorption (Double Dry Technology)
- Elastic and impact resistant
- Highly durable and resistant to weather conditions
- Resistant to fungi and algae development (BioProtect)
- Available in wide colouristic palettes: Colours of Nature
- Part of Self Clean, Express, Impactum and Popular systems

**Packaging:**
Plastic containers of 25 kg

### CT 76

### SILICO-ELASTOMERIC SOLAR PROTECT

Silico-elastomeric plaster in stone structure
grain size 1.5 mm or 2.0 mm

- Highly resistant to UV
- High stability of colour
- Surface durability
- Self-cleaning
- Highly resistant to dirt pick-up
- Highly resistant to water uptake
- Highly vapour permeable with very low water absorption (Double Dry Technology)
- Resistant to fungi and algae development (BioProtect)
- Elastic and impact resistant
- Available in very wide colouristic palettes: Colours of Nature and Intense Colours
- Part of Impactum, Self Clean, Express and Popular systems

**Packaging:**
Plastic containers of 25 kg

### CT 79

### ELASTOMERIC IMPACTUM

Elastomeric plaster in stone structure
grain size 1.5 mm

- Extremely flexible, reinforced with fibres
- Extremely impact resistant – up to 100 J mechanical impacts in Impactum system
- Extremely resistant to microcracks and thermal stresses
- Highly resistant to water uptake
- Highly resistant to dirt pick-up
- Extremely durable and weather resistant (including hail resistance)
- Resistant to fungi and algae development
- High stability of colour – the best for deep, dark colours with HBW≥ 5%
- Available in very wide colouristic palettes: Colours of Nature and Intense Colours
- Part of Impactum, Express and Popular systems

**Packaging:**
Plastic containers of 25 kg




# **CERESIT ETICS** SYSTEMS APPROACH – FINISHING LAYER

## Thin layer facade plasters – Summary

| Plasters: | Mineral | Acrylic | Silicate-Silicone | Silicate | Silicone | Silico-Elastomeric | Elastomeric |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |

| Name | CT 137 Mineral Dry | CT 60 Acrylic Elastic | CT 174 Silicate-Silicone Aquastatic | CT 72 Silicate Aero | CT 74 Silicone Self Clean | CT 76 Silico-Elastomeric Solar Protect | CT 79 Elastomeric Impactum |
|---|---|---|---|---|---|---|---|
| Key USP | • Highly vapour permeable, breathable<br>• Highly non-flammable<br>• Naturally resistant to algae and fungi | • Elastic<br>• Resistant to water uptake<br>• Resistant to algae and fungi | • Hydrophobic<br>• Resistant to water uptake<br>• Vapour permeable<br>• Resistant to dirt pick-up | • Highly vapour permeable, breathable<br>• Resistant to water uptake<br>• Strongly resistant to algae and fungi | • Self-cleaning<br>• Highly resistant to dirt pick-up<br>• Highly resistant to water uptake<br>• Vapour permeable<br>• Elastic and impact resistant | • Highly resistant to UV<br>• High stability of colour<br>• Surface durability<br>• Self-cleaning<br>• Highly resistant to dirt pick-up<br>• Highly resistant to water uptake<br>• Vapour permeable<br>• Elastic and impact resistant | • Extremely impact resistant<br>• Extremely flexible, reinforced with fibres<br>• Extremely resistant to microcracks and thermal stresses<br>• Extremely resistant to water uptake<br>• High stability of colour |
| Water absorption resistance | • | •• | •••• | •• | •••• | •••• | ••••• |
| Vapour permeability | •••• | • | ••• | •••• | ••• | ••• | • |
| Dirt pick-up resistance | • | •• | ••• | •• | •••• | •••• | •••• |
| Resistance to biological contamination (algae, fungi) | ••• | •• | ••• | •••• | ••• | ••• | ••• |
| Durability | •• | •• | ••• | •• | •••• | ••••• | ••••• |
| Colouristic portfolio | • | ••• | ••• | •• | ••• | •••• | •••• |

• good •• very good ••• excellent •••• outstanding ••••• the best in class


OUR BEST INSIDE.
**BETTER OUTSIDE.**

made of 62% RECYCLED PLASTIC*

# Together, we build a sustainable future!

**The world is changing for better, so is Ceresit. To address sustainabilty challenges, we have been working hard for years in the following 3 pillars:**

**$CO_2$ Reduction**


**Circular Economy**

**Safe Homes**

**The Ceresit ECO Bucket** is a perfect initiative that belongs to the circular economy pillar. Our ECO Buckets are made of recycled plastic, are re-usable and recyclable! By doing so, we reduce the amount of virgin plastic produced by 760 tons** and support the circular economy.

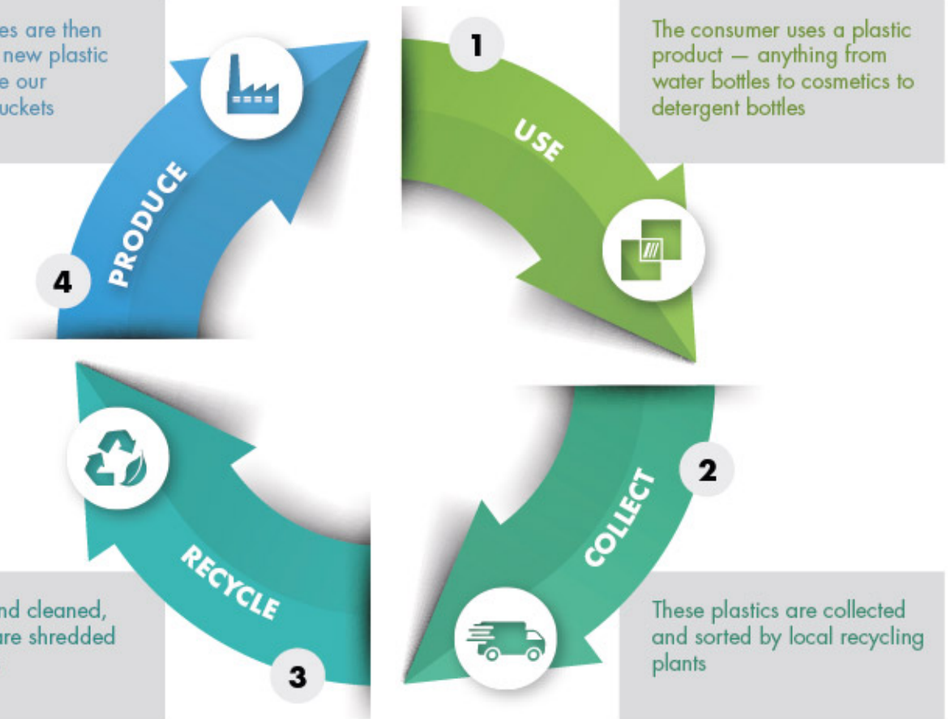
## Fully recyclable ECO Buckets made of recycled plastic (PCR)


* Share of PCR mentioned on the Ceresit packaging is the share of PCR for all plastic elements (bucket, lid and handle if made out of plastic)

** Tons of PCR used instead of virgin plastic and tons of $CO_2$ avoided are based on a 12 months forecast starting once all Facade buckets are launched.

## What is PCR?

**PCR (post-consumer resin)** is made of plastic from consumer – anything from water to detergent bottles. Then, it is used for the production of our ECO Buckets.




## Key benefits of PCR vs virgin plastic:

- Less energy consumption
- Reduced $CO_2$ emissions
- Decreased the use of natural resources
- Supports the circular economy



### Join the ECO movement and pick your Ceresit

# ECO Bucket!

**Ceresit is a proud leader** in recycled plastic packagings in Poland, Czech Republic, Slovakia, and Baltic countries (in the construction industry). By combining the existing ECO Buckets (from Tiling) with the new Facade solutions ECO Buckets we will reach the following milestones:

**760 tons of PCR**
used instead of virgin plastic**

**850 tons of $CO_2$**
emissions avoided by using PCR instead of virgin plastic**

## Facade solutions


## Look out for Ceresit recycled plastic!

made of 50% RECYCLED PLASTIC*

made of 58% RECYCLED PLASTIC*

made of 62% RECYCLED PLASTIC*

* Share of PCR mentioned on the Ceresit packaging is the share of PCR for all plastic elements (bucket, lid and handle if made out of plastic)

** Tons of PCR used instead of virgin plastic and tons of $CO_2$ avoided are based on a 12 months forecast starting once all Facade buckets are launched.

# **CERESIT ETICS** SYSTEMS APPROACH – FINISHING LAYER

## Thin layer facade plasters - Mosaic plasters

**CT 77**

### MOSAIC SILICONE

Premium silicone-acrylic mosaic plaster
grain size 1.0-1.6 mm or 1.4-2.0 mm

- Low water absorption
- Resistant to abrasion and weather conditions
- Dirt resistant
- Resistant to fungi and algae development (BioProtect)
- Available in Mosaics Colours palette and different grain sizes
- Recommended as finishing layer on certain parts of the building like socles, entrance zones

**Packaging:**
Plastic containers of 25 kg

**CT 177**

### MOSAIC

Acrylic mosaic plaster
grain size 1.0-1.6 mm

- Resistant to water absorption
- Resistant to abrasion and weather conditions
- Available in Mosaics Colours palette
- Recommended as finishing layer on certain parts of the building like socles, entrance zones

**Packaging:**
Plastic containers of 25 kg





# **CERESIT ETICS** SYSTEMS APPROACH – FINISHING LAYER

## Thin layer facade plasters - Design plasters VISAGE

**CT 720**

### VISAGE WOOD

Decorative wood effect plaster

- Excellent optic of wood in different colours and structures
- Highly vapour permeable
- Hydrophobic
- Mineral, excellent for MW based ETICS
- Naturally resistant to growth of algae and fungi
- Weather and damage resistant
- Paintable with CT 721 Impregnate

**Packaging:**
Bags of 25 kg

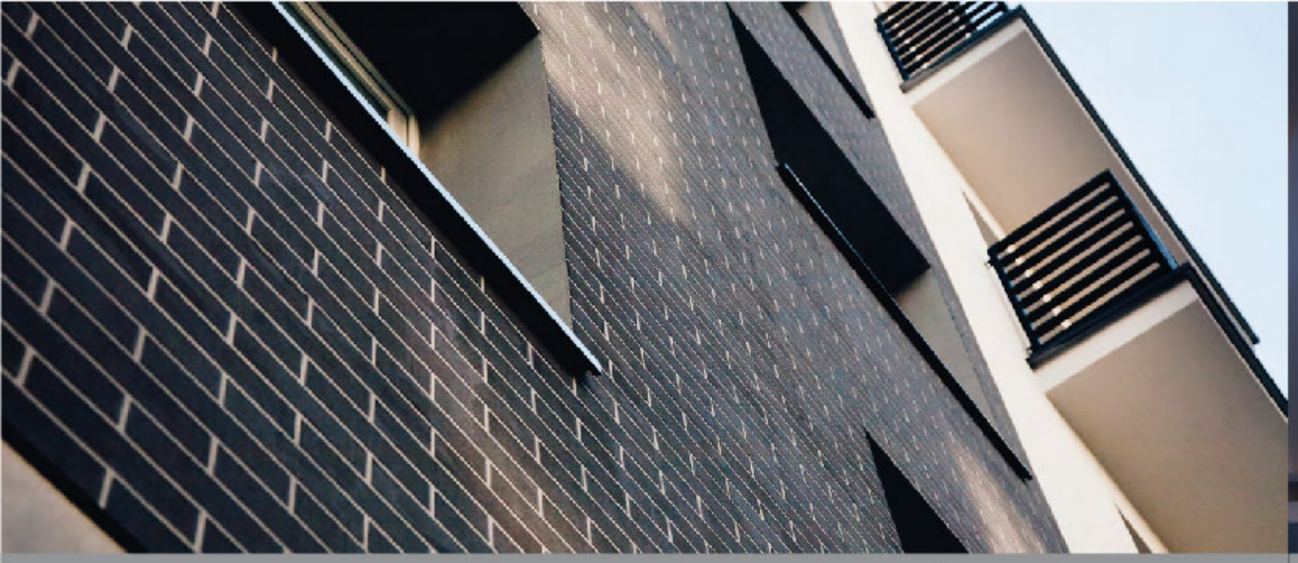
**CT 721**

### VISAGE WOOD

Wood colour Impregnate

- Available in 6 classical tones: pine, oak, teak, walnut and wenge; and 6 totally new proposals: Silver Grey, Light Beige, Steel Grey, White Birch, Dark Brown and Africa Ebony
- Resistant to weather conditions
- Hydrophobic
- Exceptionally durable and resistant to soiling
- High stability of colour

**Packaging:**
Plastic containers of 4 l



**CT 60**

## VISAGE

Decorative brick & stone effect plaster

- Brick and stone effect achieved with stencils
- Different patterns and colours
- Elastic
- Waterproof
- Weather and damage resistant
- Resistant to fungi and algae development (BioProtect)
- Available in 12 VISAGE colours and Colours of Nature palettes
- 2 different brick stencils (London and Boston brick)

**Packaging:**
Plastic containers of 25 kg

**CT 710**

## VISAGE NATURAL STONE

Decorative natural stone plaster

- Granite effects
- Wide palette of colouristic options (10 shades)
- Based on high quality natural stone and modified aggregates
- Elastic
- Waterproof
- Resistant to scrubbing
- Damage and weather resistant
- Applicable with stencils as an option
- Adaptive for machine application

**Packaging:**
Plastic containers of 20 kg and 20,3 kg





**CERESIT ETICS** SYSTEMS APPROACH – FINISHING LAYER
Thin layer facade plasters - Design plasters VISAGE

**CT 760**

## VISAGE ARCHITECTURAL CONCRETE

Decorative Architectural concrete plaster

- Flexible
- Resistant to scratches
- Damage and weather resistant
- Wide range of structures and optic effects
- Available in different shades of grey colour

**Packaging:**
Plastic containers of 25 kg

# **CERESIT ETICS** SYSTEMS APPROACH – FINISHING LAYER

## Facade paints

**CT 42**

### ACRYLIC ELASTIC

Acrylic paint for facades and interiors

- Low water absorption
- Resistant to fungi and algae development (BioProtect)
- Resistant to damage and weather conditions
- Best recommended for painting acrylic plasters, optionally for mineral plasters
- Available in wide colouristic palettes: Colours of Nature

**Packaging:**
Plastic containers of 15 l

**CT 44**

### ACRYLIC ELASTIC SPECIAL

Acrylic paint for facades, interiors and concrete protection

- Elastic
- Cracks bridging
- Limits the process of concrete carbonisation
- Low water absorption
- Resistant to fungi and algae development (BioProtect)
- Resistant to damage and weather conditions
- Best recommended for painting acrylic plasters, optionally for mineral plasters
- Available in wide colouristic palettes: Colours of Nature

**Packaging:**
Plastic containers of 15 l

**CT 46**

### SILICATE-SILICONE AQUASTATIC

Silicate-silicone paint for facades and interiors

- Hydrophobic, water does not penetrate the surface
- Vapour permeable with low water absorption (Double Dry Technology)
- Resistant to dirt pick-up
- Resistant to fungi and algae development (BioProtect)
- Resistant to damage and weather conditions
- Best recommended for painting silicate-silicone, acrylic and mineral plasters
- Available in wide colouristic palettes: Colours of Nature

**Packaging:**
Plastic containers of 15 l

**CT 54**

### SILICATE AERO

Silicate paint for facades and interiors

- Highy vapour permeable and breathable
- Highly non-flammable
- Excellent adhesion to the substrate
- Highly resistant to fungi and algae development (BioProtect)
- Biological contamination resistance strengthened by high PH
- Low water absorption
- Resistant to damage and weather conditions
- Best recommended for painting mineral, silicate and silicate-silicone plasters
- Recommended for painting in case of historical buildings
- Available in colouristic palettes: Colours of Nature

**Packaging:**
Plastic containers of 15 l




# **CERESIT ETICS** SYSTEMS APPROACH – FINISHING LAYER

## Facade paints

**CT 48**

### SILICONE SELF CLEAN

Silicone paint for facades and interiors

- Highly self-cleaning
- Highly dirt resistant
- Very low water absorption and high vapour permeability (Double Dry Technology)
- Resistant to fungi and algae development (BioProtect)
- Durable
- Best recommended for painting silicone, silicate-silicone and acrylic plasters, can be used on mineral and silicate plasters
- Available in wide colouristic palettes: Colours of Nature

**Packaging:**
Plastic containers of 15 l

**CT 49**

### NANO SILICONE RENO

Nanosilicone paint for facades and interiors

- Self-cleaning
- Dirt resistant
- Very low water absorption and high vapour permeability (Double Dry Technology)
- Resistant to fungi and algae development (BioProtect)
- Highly durable thanks to Silix XD formula
- Cracks bridging
- Recommended for painting all kind of facade plasters
- Perfect for facade renovation and repainting
- Available in wide colouristic palettes: Colours of Nature

**Packaging:**
Plastic containers of 15 l

**CT 110**

### SOLAR PROTECT ELASTOMERIC

ELASTOMERIC FACADE PAINT

- Excellent color stability with resistance to UV and weather conditions
- Highly elastic with proven crack bridging properties (A2)
- Self-cleaning properties and resistance to dirt
- Extremely durable
- Very low water uptake
- Water vapor permeable
- Resistant to thermal stress and abrasion
- Perfect for facade renovation
- Machine application possibility

**Packaging:**
Plastic containers of 14 l



# **CERESIT ETICS** SYSTEMS APPROACH – FINISHING LAYER

## Facade paints - Summary

| Paints: | Acrylic | Acrylic | Silicate-Silicone | Silicate | Silicone | Silicone | Elastomeric |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| Name | **CT 42 Acrylic Elastic** | **CT 44 Acrylic Elastic Special** | **CT 46 Silicate-Silicone Aquastatic** | **CT 54 Silicate Aero** | **CT 48 Silicone Self Clean** | **CT 49 Nano Silicone Reno** | **CT 110 Solar Protect Elastomeric** |
| Key USP | • Resistant to water uptake<br>• Damage and weather resistant | • Elastic<br>• Cracks bridging<br>• Limits carbonisation of concrete | • Hydrophobic<br>• Resistant to water uptake<br>• Vapour permeable<br>• Resistant to dirt pick-up | • Highly vapour permeable/ breathable<br>• Highly non-flammable<br>• Resistant to fungi and algae<br>• Resistant to water uptake | • Highly self-cleaning<br>• Highly resistant to dirt pick up<br>• Highly resistant to water uptake<br>• Vapour permeable | • Elastic<br>• Cracks bridging<br>• Self-cleaning<br>• Highly resistant to water uptake<br>• Vapour permeable | • Highly elastic<br>• Proven crack bridging properties (A2)<br>• Excellent color stability<br>• Water vapor permeable<br>• Extremely durable |
| Water absorption resistance | •• | ••• | ••• | •• | •••• | •••• | •••• |
| Vapour permeability | • | • | •• | •••• | •• | ••• | ••• |
| Dirt pick-up resistance | •• | •• | ••• | •• | •••• | •••• | •••• |
| Resistance to biological contamination (algae, fungi) | •• | •• | ••• | •••• | ••• | ••• | •••• |
| UV Resistance | •• | •• | •• | ••• | ••• | •••• | ••••• |
| Durability | •• | •• | ••• | •• | •••• | •••• | •••• |
| Cracks bridging | – | + | – | – | – | + | ++ |
| Colouristic portfolio | ••• | ••• | ••• | •• | ••• | ••• | •••• |

• good •• very good ••• excellent •••• outstanding ••••• the best in class

Ceresit

CR/EETICS/G3/05.2023

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