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 the 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. The 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 against 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 m^2 of Ceresit ETICS systems installed yearly on facades all over the world.

Quality
Extended tests of products and systems in certified laboratories and climatic chamber to prove their functionality and reliability in 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).

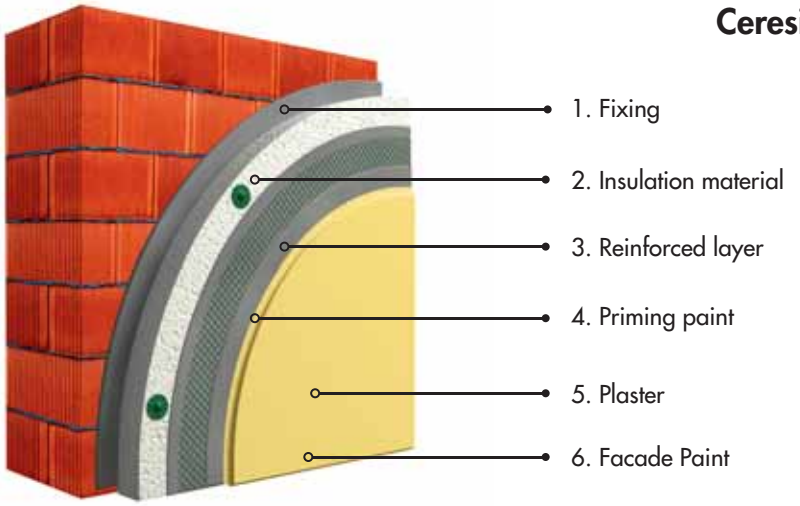
Innovations
Works of International Innovation Centre for Construction Chemicals Ceresit for constant improvement of products and systems. All to provide even more functional, durable, convenient to apply and on trend solutions.

Technical know-how
Thousands of ETICS applicators trained with Ceresit training programs 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 SYSTEM

Reliable and popular thermal insulation

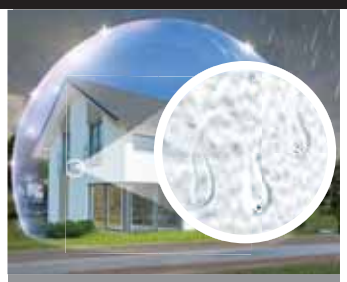
Reliable insulation system

AQUASTATIC SYSTEM

Insulates and resists to water and humidity effects

Vapour permeable facade resistant to water and humidity

Advanced insulation system



SELF CLEAN SYSTEM

Insulates and keeps facade dry and clean

Self cleaning facade – clean and dry for longer

Vapour permeable facade resistant to water and humidity

Advanced insulation system

SOLAR PROTECT SYSTEM

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

NEW FIBRE FORCE STRONG & FLEXIBLE

UV Protect TECHNOLOGY

KEY SYSTEMS SUMMARY

CERESIT CERETHERM FACADE ETICS SYSTEMS

AERO WOOL
SYSTEM

Most breathable and non-flammable insulation

Non-flammable/highest fire resistance class insulation

Highly breathable facade

Advanced insulation system

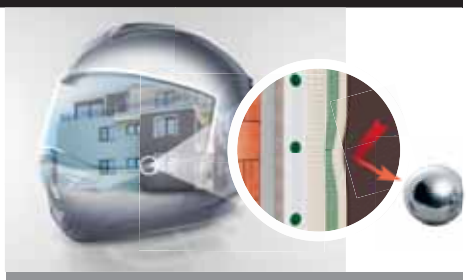
EXPRESS
SYSTEM

Super fast and covenient light weight insulation

Super fast & easy in application insulation

Vapour permeable facade resistant to water and humidity

Highly advanced insulation system



IMPACTUM
SYSTEM

Ultimate durability and protection againts any impacts

Highest impact resistant and durable facade

Highly flexible and cracks resistant insulation

Highly resistant to water facade

Highly advanced insulation system

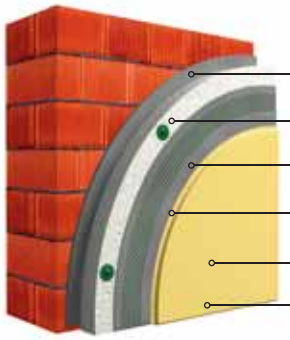
SPECIALIZED SYSTEMS SUMMARY

POPULAR SYSTEM
Reliable and popular thermal insulation

Characteristics

- Reliable insulation system
- Weather & 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.



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 to water and humidity effects

Characteristics

- Dirt and water uptake resistant
- Vapour permeable & 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 to water and humidity effects.

AQUASTATIC 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 174, CT 175 Silicate-Silicone Aquastatic**	CT 174, CT 175 Silicate-Silicone Aquastatic
PAINT	**CT 46 Silicate-Silicone Aquastatic** **CT 48 Silicone Self Clean** **CT 49 Nanosilicone Reno**	CT 46 Silicate-Silicone Aquastatic CT 48 Silicone Self Clean CT 49 Nanosilicone 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

SELF CLEAN SYSTEM
Insulates and keeps facade dry and clean

Characteristics

- Self cleaning
- Dirt and water uptake resistant
- Vapour permeable & hydrophobic
- Resistant to aggressive dirts
- Highly resistant to biological contamination like fungi and algae
- Highly flexible & 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 to water, dirt pick up and make facade dry and clean for longer.

SELF CLEAN 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 74, CT 75 Silicone Self Clean**	CT 74, CT 75 Silicone Self Clean
PAINT	**CT 48 Silicone Self Clean** **CT 49 Nanosilicone Reno**	CT 48 Silicone Self Clean CT 49 Nanosilicone 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 & hydrophobic
- Resistant to aggressive dirts
- Highly resistant to biological contamination like fungi and algae
- Highly flexible & 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 resistance to water and dirt pick up as well as a wide range of colours is needed. Improved solar radiation protection allows for using a dark and intense colour palette.

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

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

DOUBLE DRY TECHNOLOGY
Double protection for facade

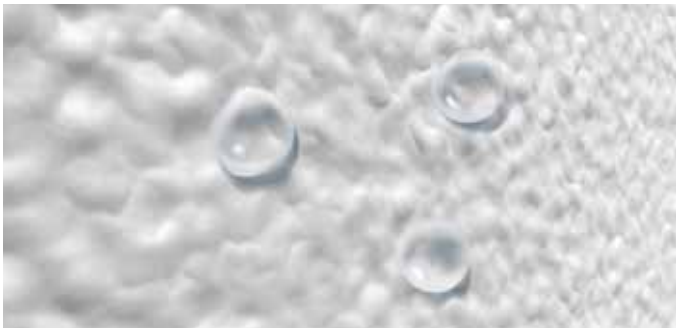
During the years of its lifetime, each facade is exposed to many unfavorable factors. Dust, dirt, soot, industrial or traffic pollution, rain and wind influence the appearance of the facade and favour or accelerate the dirt adhesion and growth of algae and fungi. Those factors can also result in facade's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

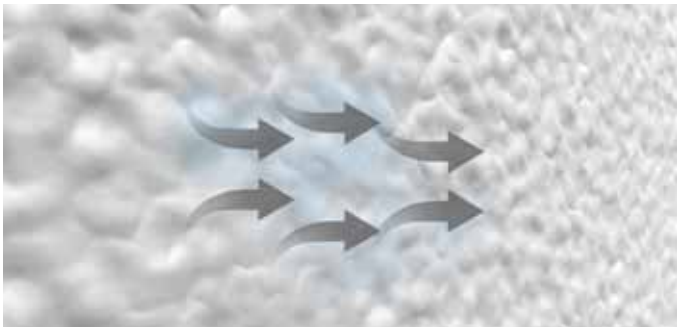
This way their surface dries out very quickly and is resistant to moisture accumulation.

Double Dry technology:

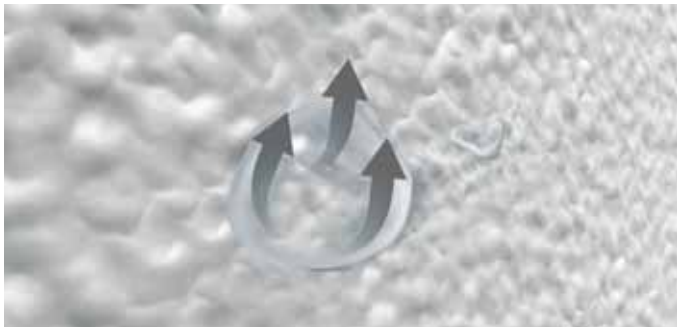


Hydrophobic effect
Water droplets do not penetrate the structure of the coating, but keep the round shape and run down the facade.

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.

FIBRE FORCE TECHNOLOGY
Strong and flexible rendering mortars

Each component of ETICS system performs 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 building can be correctly insulated and its aesthetics prolonged.

Ceresit ETICS adhesive and reinforcing mortars with Fibre Force technology provide:

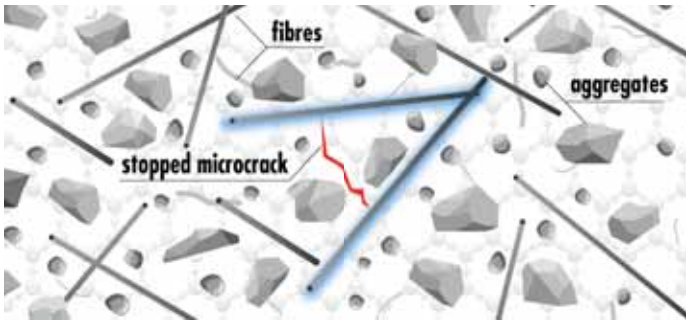
- **Strong and reinforced structure**
- **High impact and cracks resistance**
- **Excellent flexibility**
- **Excellent application parameters**
- **Durable and weatherproof ETICS system**

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 against 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 out 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 mechanical bonding the microcracked material and block 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.

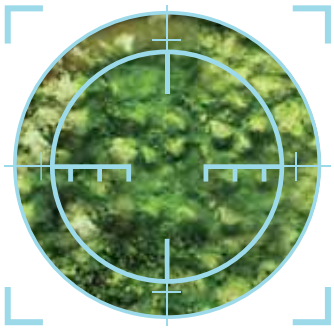
BIOPROTECT FORMULA
Protection against biological corrosion

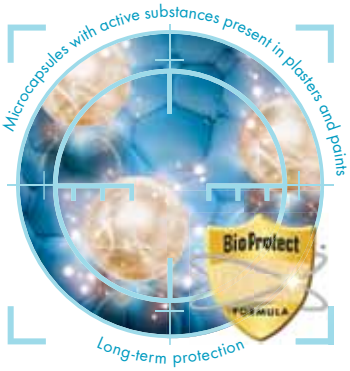
Biological contamination

Each facade is exposed to the risk of development of unwanted microorganisms such as fungi and algae. They are present in the environment and can contaminate the facade when meeting the right conditions. Biological contamination has a negative impact on the aesthetics of the facade, and increases the risk of its degradation.

Unsecured plaster with biological contamination. Dirty and unaesthetic facade.

Ceresit plaster with BioProtect formula. Durable and aesthetic facade.





The effective protection

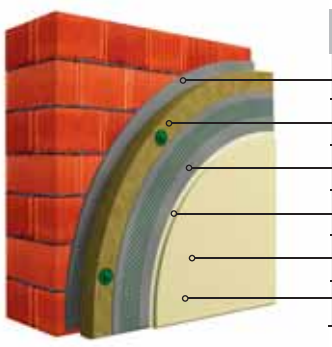
BioProtect formula in Ceresit plasters and paints protects the facade against the development of microorganisms and their destructive influence. Active substances, enclosed in the microcapsules, have a high resistance to being washed off, which in turn leads to a gradual substance release and works effectively in changing weather conditions. The release of active substances takes place gradually, in a controlled manner, ensuring a long-lasting effect. This process is fully ecological. The form and character of microcapsules, with the active substances, is developed in such a way as not to affect the soil or sources of the drinking water. The safety of their use was confirmed by the appropriate permission of the Minister of Health. Thanks to BioProtect formula facade maintains its aesthetics and functional qualities for many years.

AERO WOOL SYSTEM
Most breathable and non-flammable insulation

Characteristics

· Super breathable
· Highly vapour permeable
· Non-flammable – 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

Especially recommended for:
high buildings and those ones where highest fire resistance class is needed (public buildings) and buildings located close to forests, parks and humid areas, with high risk of biological contamination by algae and fungi.



AERO WOOL SYSTEM	
FIXING	**CT 180 MW Strong Fix**
INSULATION MATERIAL	**MW boards**
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:

* Alternative Ceresit plasters: CT 35, CT 137 Mineral Dry with priming paint CT 16 Quartz Contact

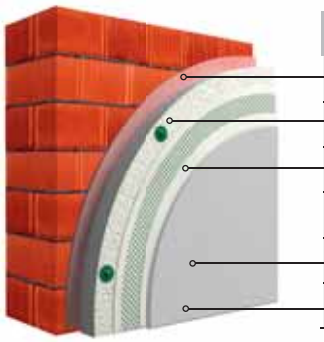
EXPRESS SYSTEM

Super fast and covenient light weight insulation

Characteristics

- Super fast 5 days shorter application time vs conventional system
- Light weight – up to 50% lighter per m² vs conventional system
- Convenient – less material, less application steps
- Highest efficiency per m²
- Extended application conditions from -10°C to 40°C for EPS boards fixing
- Low water uptake and high vapour permeability
- Resistant to biological contamination like fungi and algae
- Highly durable & flexible
- Excellent application
- Certification ETA Ceresit Ceretherm Premium

Especially recommended for:
buildings where installation of ETICS system must be completed within a short time; for buildings where lowest weight per m² is important; for thermal renovation of old ETICS facades (ETICS on ETICS).

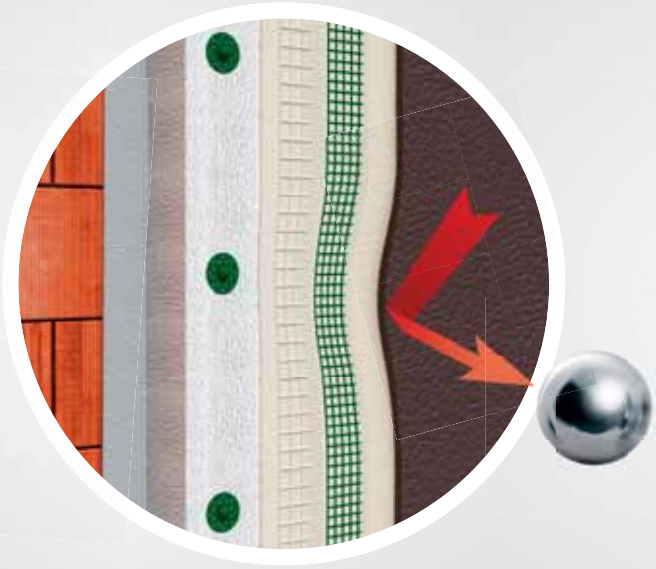


EXPRESS SYSTEM	
FIXING	**CT 84 Express Plus**
INSULATION MATERIAL	**EPS boards**
REINFORCED LAYER*	**CT 87 White Flexible and CT 325 glass fibre mesh**
PRIMING PAINT	-
PLASTER**	**CT 174, CT 175 Silicate-Silicone Aquastatic**
PAINT**	**CT 46 Silicate-Silicone Aquastatic**

Design and colouristic pallets:

* 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



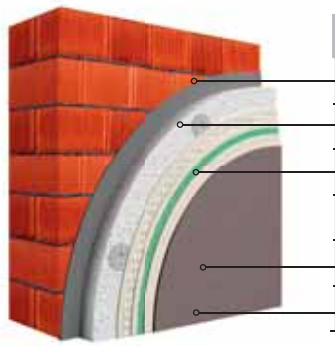
IMPACTUM SYSTEM

Ultimate durability and protection againts any impacts

Characteristics

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

Especially recommended for:
buildings located where the risk of mechanical impacts is high (next to schools, playgrounds, sport objects). In all cases where system's and facade durability is the key decision criteria for choosing ETICS system; 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 meshes**
PRIMING PAINT	-
PLASTER**	**CT 79 Elastomeric Impactum**
PAINT**	-

Design and colouristic pallets:

* Optionally you can use CT 81/ZS, CT 82/ZU, CT 80 or 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 against the damaging effects of hail. According to 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.

CERESIT CERETHERM FACADE ETICS SYSTEMS

POPULAR SYSTEM

Reliable and popular thermal insulation

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

SUPPORTED BY TECHNOLOGIES

BioProtect

FINISHING PLASTER

ACRYLIC ELASTIC

AQUASTATIC SYSTEM

Insulates and resists to 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

BioProtect

FINISHING PLASTER

SILICATE-SILICONE AQUASTATIC

SELF CLEAN SYSTEM

Insulates and keeps facade dry and clean

- **Self cleaning**
- Dirt and water uptake resistant
- Vapour permeable & hydrophobic
- Resistant to aggressive dirts
- Highly flexible & durable

SUPPORTED BY TECHNOLOGIES

DoubleDry TECHNOLOGY

NEW FIBRE FORCE

BioProtect

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

CERESIT CERETHERM FACADE ETICS SYSTEMS

SOLAR PROTECT SYSTEM

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 aggressive dirts
- Highly flexible & durable
- Extended colours options HBW ≥ 5%

SILICO-ELASTOMERIC SOLAR PROTECT

AERO WOOL SYSTEM

Most breathable and non-flammable insulation

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

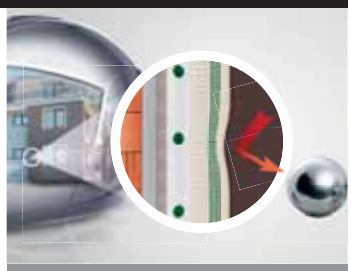
SILICATE AERO

EXPRESS SYSTEM

Super fast and convenient light weight insulation

- **Super fast**
- Convenient
- Light weight
- Most efficient
- Flexible & durable
- Excellent application

SILICATE-SILICONE AQUASTATIC



IMPACTUM SYSTEM

Ultimate durability and protection againts any impacts

- **Highest impact resistance up to 100 J**
- Highest flexibility
- Lowest water uptake
- Highly resistant to thermal stresses and cracks
- Extended colours options HBW ≥ 5%
- Ultimate performance and durability

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

Externalize your nature!

COLOURS OF nature

PLASTERS & PAINTS PALETTE: COLOURS OF NATURE

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.**

Wise & Confident

Timelessness and universality are the wisest choices.

Harmonious & Balanced

Discover colours which provide a break from the hustle and bustle of the modern world.

Romantic & Delicate

A range of colours for those who do not want to compromise beauty in favor of practicality.

Energetic & Positive

If you are an energetic person who loves courageous design we prepared range of energetic colours.

COLOURS OF nature

COLOURS intense

FIND YOUR COLOUR ONLINE

PLASTERS PALETTE: CERESIT INTENSE COLOUR SYSTEM

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.

A M B E R

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.

R U B Y

The 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.

Q U A R T Z

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.

A M E T H Y S T

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.

S A P P H I R E

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.

E M E R A L D

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

D I A M O N D

The 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, to fading and to discolouration. Moreover they keep the facade well-protected against development of microorganisms, water penetration, dirt pick up and mechanical damage.

PLASTERS PALETTE: MOSAICS COLOURS

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

Externalize the real character of your house – choose your favourite colour theme and enjoy the effects on your home!

PERSIA Sunny and warm shades of beige refer to deserts of the Middle East. The colours will add some warmth and oriental style to it.

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 the desert landscape also illuminate the facade pink and grey shades.

PERU Find your inspiration in the moon 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.

LAOS Here you will find plasters in shades of red, inspired by the colours of mild hills and the red ground of Indochina.

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

Facade. Nature. Design.

VISAGE plasters are inspired by natural materials and designed to create unique facade of your house.

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 – 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.

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 a totally new proposals made to satisfy modern taste. From a practical point of view unlike real wood, VISAGE wood plaster do not attract wood-worms, 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**

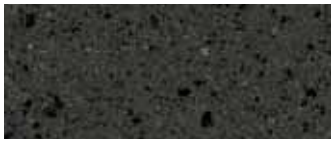
Africa Ebony **NEW**

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 texture. This is a perfect solution to obtain minimalistic and eye-catching facades.

Concrete effect plasters

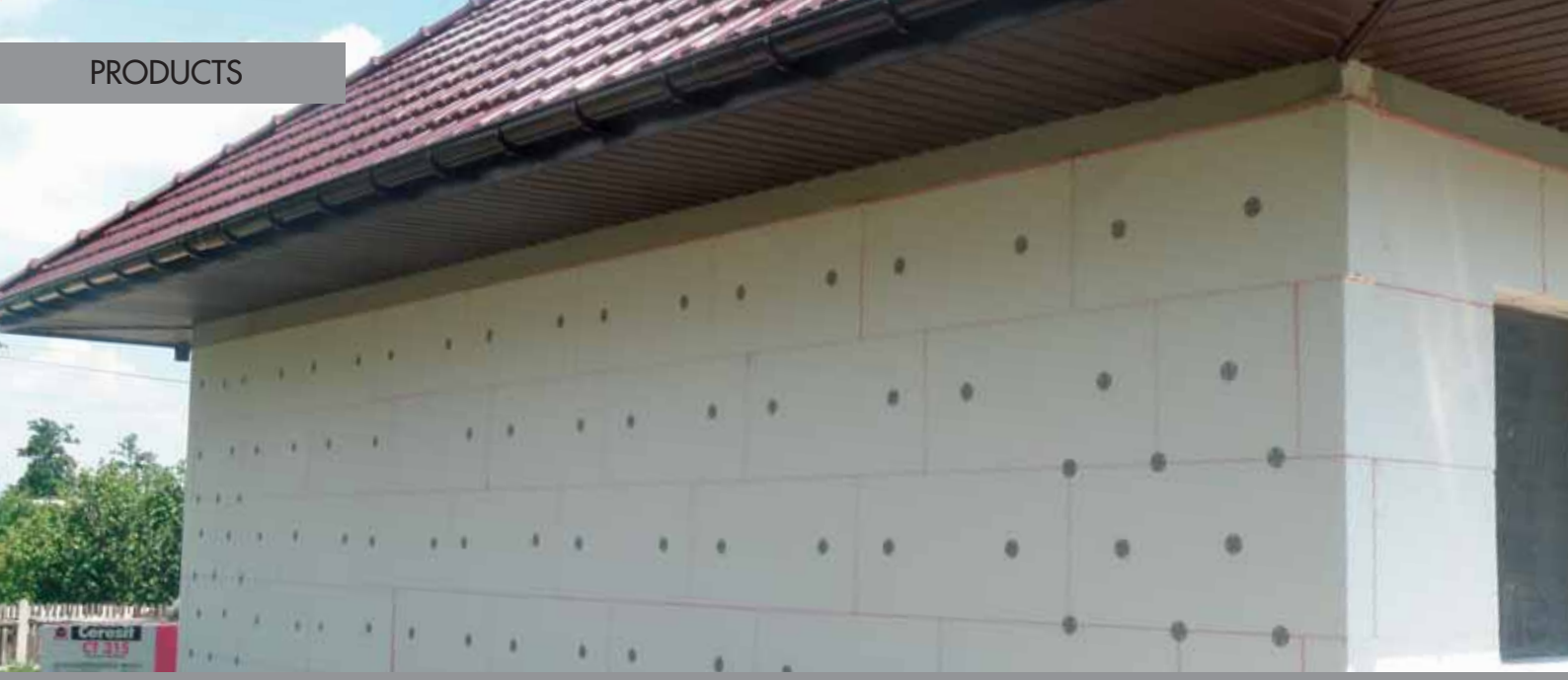
Sydney Light

Tokyo Graphite

Stencil effect plasters

Stencil: Boston Brick

Stencil: London Brick



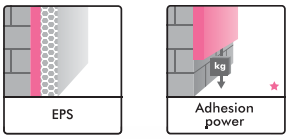
CERESIT ETICS SYSTEMS APPROACH – FIXING
Adhesive mortars

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



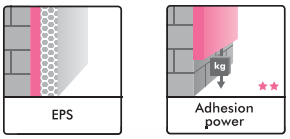
CT 83

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



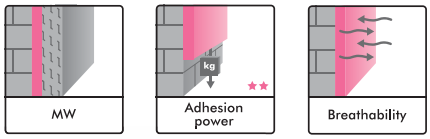
CT 180

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



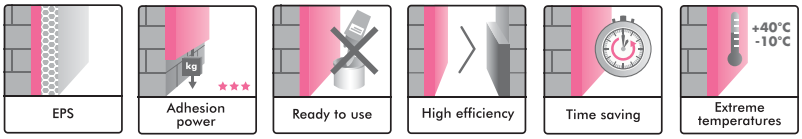
CT 84

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 m^2; +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 gun it 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 boards & MW 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 the EPS boards

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

15%

Higher adhesive strength

2h

Anchoring after 2h

10m

100% higher yield than traditional cement adhesives

CERESIT ETICS SYSTEMS APPROACH – REINFORCED LAYER

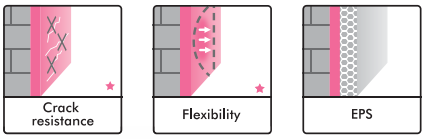
Adhesive and reinforcing mortars

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

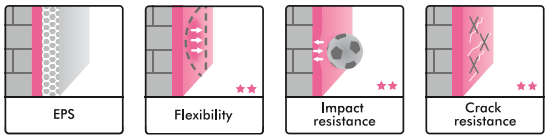
CT 85

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



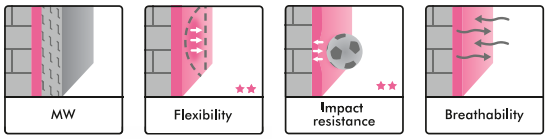
CT 190

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



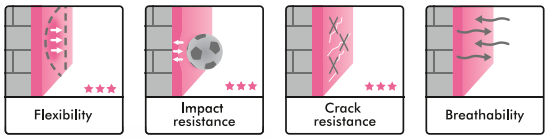
CT 87

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 m^2
- 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 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/m^2
- 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/m^2.

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/m^2
- 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 insulation work for winter

Packaging:
Plastic buckets of 10 l

Strong Bond

SUPPORTS DoubleDry TECHNOLOGY

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 developement (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 developement (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 developement (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 developement (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 developement (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 developement (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 developement (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 developement (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 developement (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

UV Protect TECHNOLOGY

COLOURS OF nature

COLOURS intense

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 developement
- High stability of colour – 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

100 J
Extreme impact resistance

COLOURS OF nature

COLOURS intense

CT 76 SOLAR PROTECT
with UV Protect Technology

Solar Radiation is 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 it contains. 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 for 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.

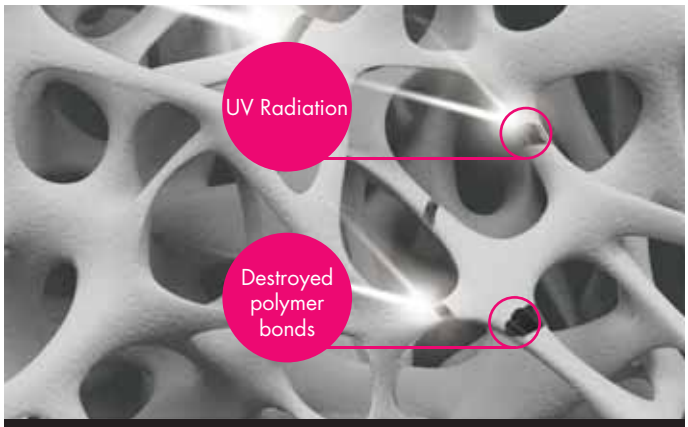
UV absorbers – absorb demaging UV radiation like a filter on your facade.

Thanks to the UV absorbers the plaster is protecting even in deeper film sections.

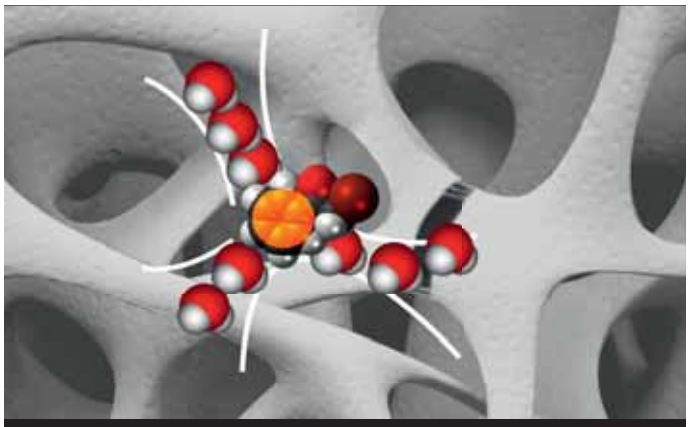
Free radical scavengers – their task is to protect the facade against the effects of free radicals, which destroy polymer bonds in the plaster structure. Free radical scavengers trap and deactivate the free radicals before the further reactions leading to polimer degradation.
Free radical Scavengers 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.

CERESIT ETICS SYSTEMS APPROACH – FINISHING LAYER

Thin layer facade plasters – Summary

Plasters:	Mineral	Acrylic	Silicate-Silicone
			
Name	**CT 137 Mineral Dry**	**CT 60 Acrylic Elastic**	**CT 174 Silicate-Silicone Aquastatic**
Key USP	• Highly vapour permeable, breathable • Highly non-flammable • Naturally resistant to algae and fungi	• Elastic • Resistant to water uptake • Resistant to algae and fungi	• Hydrophobic • Resistant to water uptake • Vapour permeable • Resistant to dirt pick up
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

Silicate	Silicone	Silico-Elastomeric	Elastomeric
			
CT 72 Silicate Aero	**CT 74 Silicone Self Clean**	**CT 76 Silico-Elastomeric Solar Protect**	**CT 79 Elastomeric Impactum**
• Highly vapour permeable, breathable • Resistant to water uptake • Strongly resistant to algae and fungi	• Self cleaning • Highly resistant to dirt pick up • Highly resistant to water uptake • Vapour permeable • Elastic and impact resistant	• Highly resistant to UV • High stability of colour • Surface durability • Self cleaning • Highly resistant to dirt pick up • Highly resistant to water uptake • Vapour permeable • Elastic and impact resistant	• Extremely impact resistant • Extremely flexible, reinforced with fibres • Extremely resistant to microcracks and thermal stresses • Extremely resistant to water uptake • High stability of colour
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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 developement (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

visage

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

visage

CERESIT ETICS SYSTEMS APPROACH – FINISHING LAYER

Thin layer facade plasters - Design plasters VISAGE

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 developement (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

BioProtect FORMULA

COLOURS OF nature

visage

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

visage

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

visage

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 developement (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 developement (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 developement (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 developement (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 developement (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 developement (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

CERESIT ETICS SYSTEMS APPROACH – FINISHING LAYER

Facade paints - Summary

Paints:	Acrylic	Acrylic
		
Name	**CT 42 Acrylic Elastic**	**CT 44 Acrylic Elastic Special**
Key USP	• Resistant to water uptake • Damage and weather resistant	• Elastic • Cracks bridging • Limits carbonisation of concrete
Water absorption resistance	••	•••
Vapour permeability	•	•
Dirt pick up resistance	••	••
Resistance to biological contamination (algae, fungi)	••	••
Durability	••	••
Cracks bridging	–	+
Colouristic portfolio	•••	•••

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

Silicate-Silicone	Silicate	Silicone	Silicone
			
CT 46 Silicate-Silicone Aquastatic	**CT 54 Silicate Aero**	**CT 48 Silicone Self Clean**	**CT 49 Nano Silicone Reno**
• Hydrophobic • Resistant to water uptake • Vapour permeable • Resistant to dirt pick up	• Highly vapour permeable/ breathable • Highly non-flammable • Resistant to fungi and algae • Resistant to water uptake	• Highly self cleaning • Highly resistant to dirt pick up • Highly resistant to water uptake • Vapour permeable	• Elastic • Cracks bridging • Self cleaning • Highly resistant to water uptake • Vapour permeable
•••	••	••••	••••
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•••	••	••••	••••
–	–	–	+
•••	••	•••	•••

Reference object: block of flats, Slovakia
Facade decoration: VISAGE CT 720 + CT 721 Irish Oak;
Key colour: Colours of Nature® White

Ceresit

CR/ETICS/63/03.2021

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