

# Polybit



**Foundations & Roofing**  
**Discover our trusted solutions**

**Henkel**

**Quality for Professionals**



**TECHNOMELT.**



**LOCTITE.**

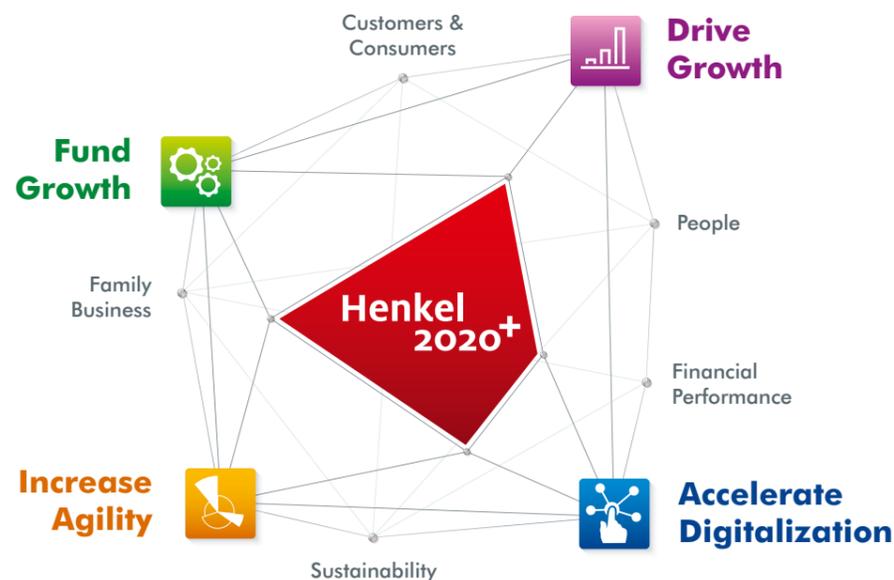
**BONDERITE.**



## 140+ Years of Brand Success

Henkel operates globally with a well-balanced and diversified portfolio. The company holds leading positions with its three business units in both industrial and consumer businesses thanks to strong brands, innovations and technologies. Henkel Adhesive Technologies is the global leader in the adhesives market – across all industry segments worldwide. We utilize our global presence and our expert knowledge to offer a winning combination of best-in-class service and leading technologies to customers and consumers around the world. Founded in 1876, Henkel looks back on more than 140 years of success, employing around 53,000 people globally – a passionate and highly diverse team, united by a strong company culture, a common purpose to create sustainable value, and shared values.

### Our strategic priorities



**Company**  
headquartered in Düsseldorf,  
Germany

since 1876

**140+** years  
of success with brands  
and technologies



**120+** countries  
host Henkel products and  
technologies



**185** production  
sites worldwide



**53,000+** employees  
from 120 nationalities



**Brands & Businesses**  
globally recognized across  
various industries

## Our approach to sustainability

For more than 140 years, Henkel has been taking a visionary approach to supporting environmental and social progress. We recognize the potential impact we can have by developing sustainable innovations – because our products and technologies are used millions of times around the world every day. We've integrated environmental and social criteria into our innovation process so that every new product or formulation we launch contributes to sustainability.

As sustainability leaders, we aim to pioneer new solutions for sustainable development while continuing to shape our business responsibly and increase our economic success. This ambition encompasses all of our company's activities – along the entire value chain, targeting six focal areas.

### Our six focal-areas



**43%**  
overall efficiency improved



**9.3m** people supported  
by social projects



**150,000+**  
school children educated  
about sustainability



**63,000kg+**  
of plastic gathered in Haiti



**10,000+**  
joint assessments  
conducted of suppliers



**50,000+** sustainability  
ambassadors trained

**Polybit**



**Ceresit**



FOUNDATIONS

**System Selector - Foundations**

System	Depth of Excavation	Water table	Type of building	Deep structure near to sea	Warranty (years)
Watertite Xtreme	Up to 20m	High	Commercial & Residential Buildings	✓	Up to 25
Watertite T2015	Up to 15m	High	Commercial & Residential Buildings	✓	Up to 20
Watertite S2012	Up to 12m	High	Commercial & Residential Buildings	✓	Up to 20
Watertite S2005	Up to 5m	Moderate	Residential Buildings	-	Up to 20
Watertite S2003	Up to 3m	Nil	Villas	-	Up to 20

**System Selector - Roofing**

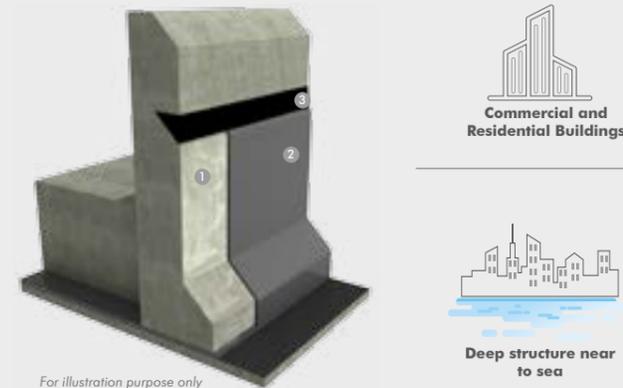
System	Type of building	Exposure type	Thermal insulation	Roof Access	Warranty (years)
ComboRoof	Buildings and Villas	Exposed	High	Accessible	Up to 30*
Roofite S20	Buildings and Villas	Covered	-	Accessible	Up to 20
Roofite C10	Buildings and Villas	Exposed	-	Accessible	Up to 10
Roofite PU10	Industrial	Exposed	Moderate	Non Accessible	Up to 10
Roofite AC5	Industrial	Exposed	-	Non Accessible	Up to 5

\*Professionally installed by Roof Care

**Watertite Xtreme**

Based on bond to concrete technology and enhanced with superior bitumen component, the system provides the highest level of waterproofing, even in the most challenging conditions.

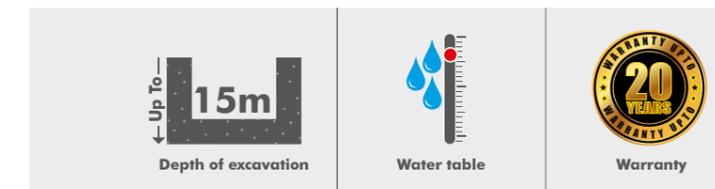
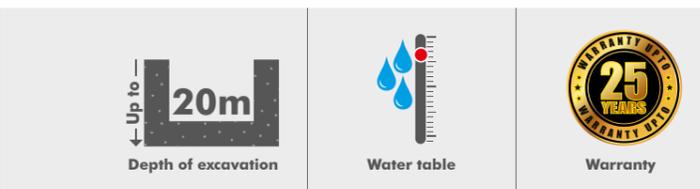
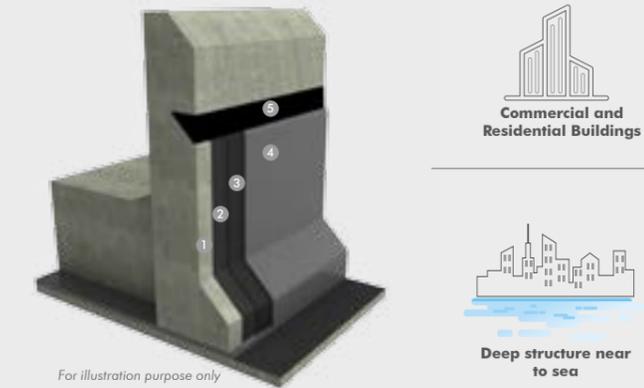
Either in the case of a structure under high hydrostatic pressure or a complex commercial building with a very deep excavation, Watertite Xtreme is the recommended solution by our most experienced waterproofing experts, working in the GCC region for more than 25 years.



**Watertite T 2015**

Choosing a compartmentalized waterproofing system, for many experts, is similar with the highest degree of quality and durability assurance.

Combining this approach with a multilayer bituminous membrane system, can only boost the confidence that, for any deep structures near the sea, either residential or commercial, Watertite T2015 is the most trusted solution.



For more specific needs or further clarifications, we encourage you to consult our technical experts





## Watertite S 2012

Lateral movement of water is one of the main reasons for post construction leakage. With Watertite S2012, a highly efficient multilayer self-adhesive membrane system, such cases will be well protected with superior performance waterproofing solution.



For illustration purpose only

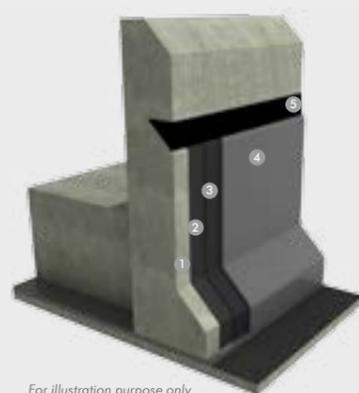


- 1 Substrate
- 2 Bitustick R3000
- 3 Bitustick R3000
- 4 Bitustick R400
- 5 Bitumastic

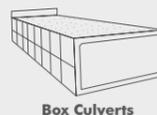
Ancillary: Polyinject Hose PVC

## Watertite S 2005

Reduced environmental footprint, easiness in application and increased safety and efficiency on site, are the main advantages of using a self adhesive membrane system. Apart from being compliant with the most demanding green building standards, using Watertite S2005, the project will be guarded by a highly durable waterproofing system.



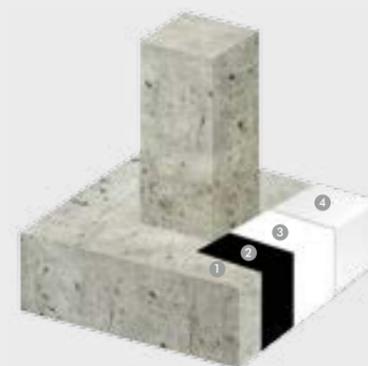
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- 1 Substrate
- 2 Polyprime SB
- 3 Bitustick R3000
- 4 Bitustick R400
- 5 Bitumastic

## Watertite S 2003

Easiness in application, increased efficiency and safety on site and moreover compliance with green building standards, are the major attributes that come to mind when deciding to use a bituminous self-adhesive membrane system. Additionally, with Watertite S2003 system, the residential project will be fully protected against dampness, moisture contamination and endured protection.



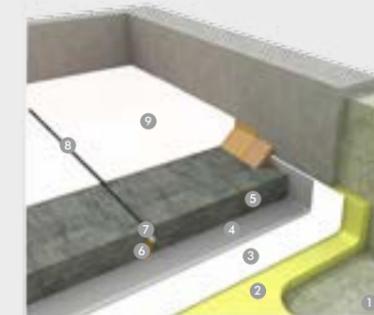
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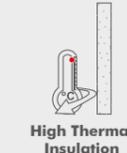
- 1 Substrate
- 2 Polyprime SB
- 3 Bitustick Cool
- 4 Bitustick R250

## ComboRoof

ComboRoof is a comprehensive roofing system comprising of waterproofing, thermal insulation and finishing, suitable to all types of flat roof. This unique system is technologically advanced, fast curing and certified by Dubai Central Laboratory (DCL) for its joint free waterproofing and thermal insulation characteristic, that is fully bonded to the roof slab. ComboRoof system is one of the most efficient solutions for energy efficiency on buildings, achieving 25% reduction in energy consumption, along with up to 30 years of warranty when applied by Roofcare.



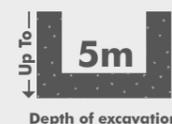
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- 1 Substrate
- 2 Polyfoam
- 3 Polycryl PF
- 4 Geo textile
- 5 Concrete Screed
- 6 Polyboard
- 7 Polyrod
- 8 Polyseal 1PU
- 9 Combo CRC



For more specific needs or further clarifications, we encourage you to consult our technical experts



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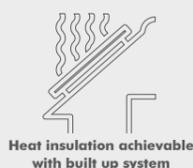
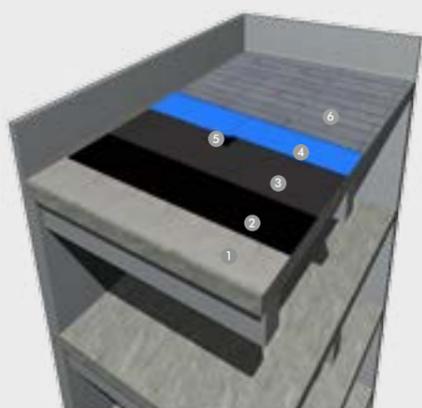


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## Roofrite S 20

Roofrite S20 system, based on self-adhesive membrane technology, is the optimum solution for a long lasting waterproofing protection of concrete roofs from water leakages and vapor ingress. The heat insulation of the building may be improved significantly, using suitable built up systems - e.g.: EPS boards and tiling of white colour.



Heat insulation achievable with built up system

- 1 Substrate
- 2 Polyprime SB
- 3 Bitustick XL
- 4 Bitustick R300
- 5 Bitutape TS
- 6 Tiles / polystyrene board

## Roofrite C 10

Should you need a waterproofing protection for an accessible exposed concrete roof with increased solar reflectance factor, Roofrite C10 is the ideal solution. This single component polyurethane based liquid waterproofing coating, has significantly increased easiness in application, covering perfectly even complicated structural details. The white color of the coating, supports perfectly the solar reflectance, as such being compliant with green building standards and regulations.

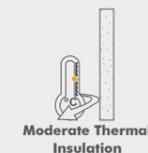
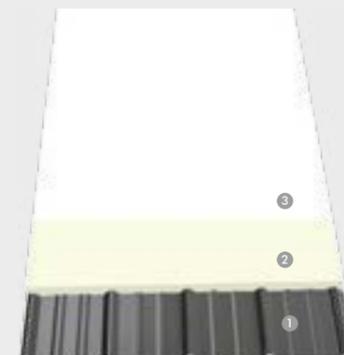


Solar Reflectance

- 1 Substrate
- 2 Polybit CL 252 (for corners)
- 3 Polythane P

## Roofrite PU 10

Roofrite PU10 is a long lasting leak resistant roofing system, with efficient thermal protection for the metal roof structures. It comprises a thick layer of Polyurethane Foam and acrylic based weather and waterproofing coating - which is resistant to UV, other weathering agents and fully bonded to PU foam surface- representing the safest option for both permanent and temporary exposed metal roofs.

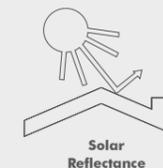
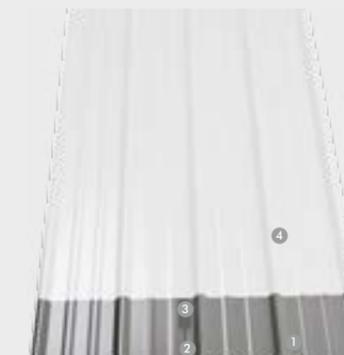


Moderate Thermal Insulation

- 1 Substrate
- 2 Polyfoam
- 3 Polycryl PF

## Roofrite AC 5

Roofrite AC5 is a water-based pure acrylic, washable and environmental friendly coating, forming a seamless membrane that resists to several harsh chemicals and bridges hairline cracks. Due to its white color, it has high emittance and reflectance, which will reduce heat penetration, keeping roofs much cooler in hot summer weather.

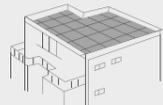


Solar Reflectance

- 1 Substrate
- 2 Polyseal 1PU
- 3 Polybit CL 252
- 4 Polytherm AC



Accessible roofs



Covered system



Warranty



Accessible roofs



Permanent exposure



Warranty



Non accessible roofs



Permanent exposure



Warranty



Non accessible roofs



Permanent exposure



Warranty

# Worldwide References

Project: Nakhimov Naval School  
Category: Facade  
Location: Russia



Project: German Parliament  
Category: Facade  
Location: Germany



Project: Burj Al Arab  
Category: Waterproofing  
Location: UAE

Project: Qingdao Airport  
Category: Waterproofing  
Location: China



Project: ADNOC Head Quarters  
Category: Waterproofing  
Location: UAE



Project: Kielce National Museum  
Category: Facade  
Location: Poland



Project: Lakhta Center  
Category: Tiling, Flooring  
Location: Russia

Project: Burj Khalifa  
Category: Flooring  
Location: UAE



Project: Dubai Airport  
Category: Waterproofing  
Location: UAE



Project: HK-Zhuhai-Macau Bridge  
Category: Wall & Floor  
Location: Hong Kong



Project: Novodevichy Convent  
Category: Tiling  
Location: Russia

100+ Years  
of construction experience

Project: Museum  
of the Future  
Category: Waterproofing  
Location: UAE



# Polybit



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