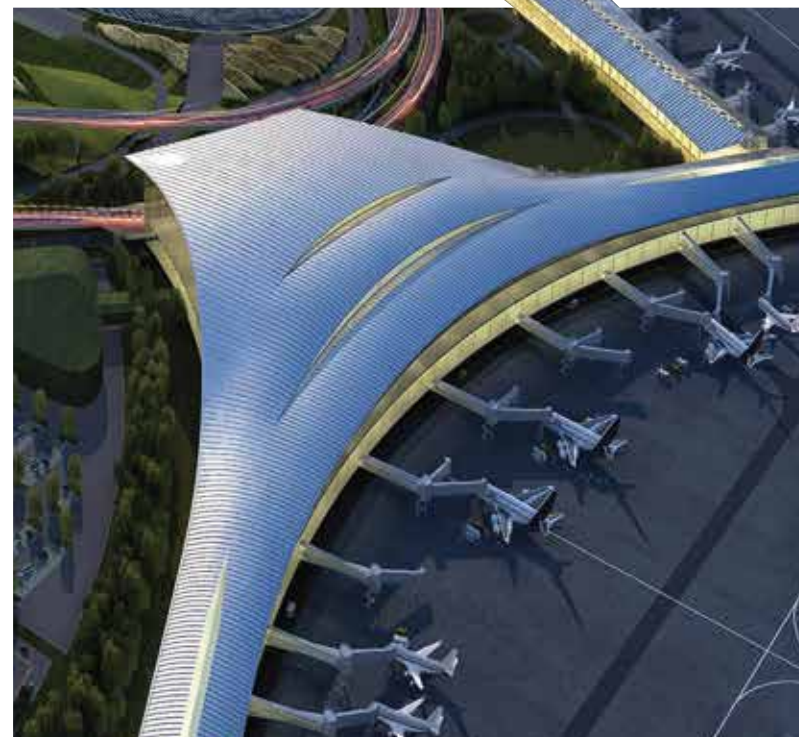


# Polybit



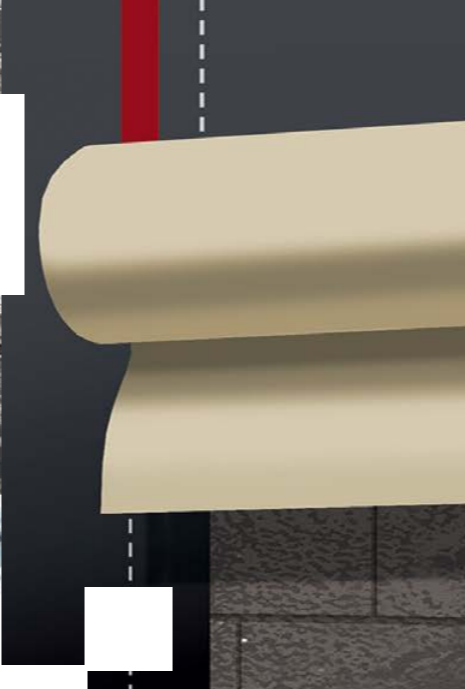
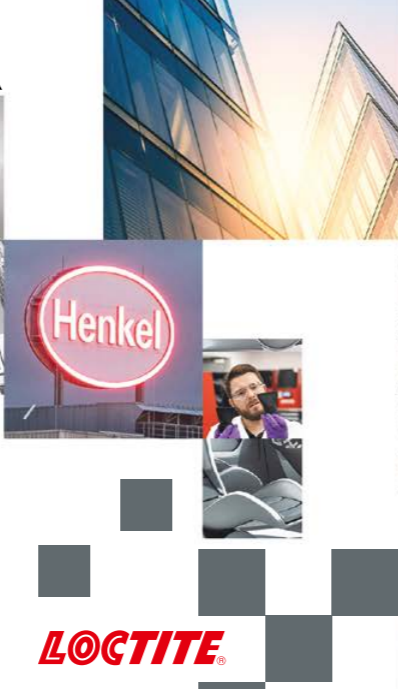
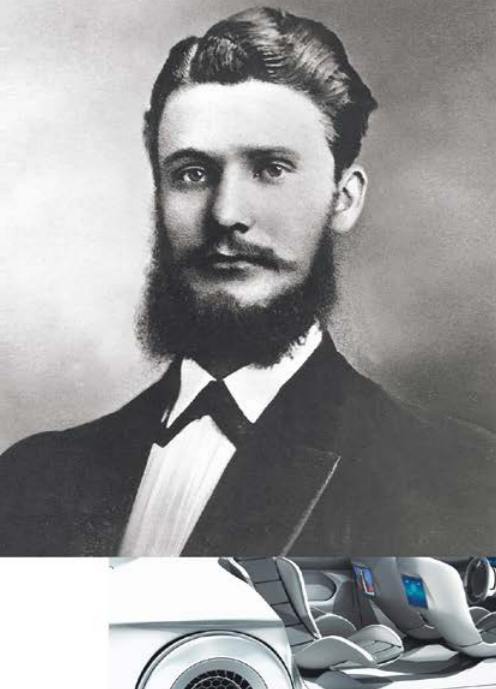
**Our reliability and expertise, the warranty for your project**

Polybit self-adhesive membranes are designed to exceed any expectation in waterproofing applications



**Henkel**

**Quality for Professionals**



## 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 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.



**9.3 m** people supported by social projects



**43%** overall efficiency improved



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



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



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



**50,000+** sustainability ambassadors trained



**Company** headquartered in Düsseldorf, Germany

since 1876

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



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



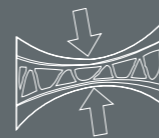
**185** production sites worldwide



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



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



**High Flexibility**



**Peel and Stick Technology**



**Easy Application**



**Puncture resistance**



**Waterproofing**

## Why Self Adhesive Membranes?

Self-Adhesive Membranes (SAM) are self-adhesive polymer modified bituminous waterproofing sheet membranes, laminated with different kind of films or fabrics.

- SAM laminated with high performing and solar reflective HDPE cross laminated films, have unique waterproofing properties, while
- SAM laminated with Polyester or Polypropylene surfacing, can replace traditional protective membranes.

Due to the self-adhesive properties, there is no use of torch which makes the application safe, easy and fast for the applicator. Self-adhesives membranes offer the minimum carbon footprint and environmental impact compared to traditional waterproofing system, being strong films of less thickness and weight, along with no need for flame, becoming the ultimate solution for waterproofing protection in oil and gas industry as well. SAM have been used extensively in major projects in infrastructure and building sector for the last 20 years e.g. Dubai Metro, Dubai International Airport, ADNOC Headquarters, Palm Jumeirah underpasses, Slovenia Pavillion (EXPO 2020), Doha Expressway, Manateq HQ Building, Jahra Road and Jamal Abdul Nasser Road etc.

## Key benefits

- High flexibility allows perfect detailing on critical areas, like corners and other intricate profiles
- Fast application due to "peel and stick" technology, ensuring time and cost application efficiency
- Simple and easy application, as no specialized application expertise or tools are required
- Self-healing properties for minor punctures in the membrane, due to polymer modified compound
- Compliance with SHE & working safety standards, being light weight product & no need of flame
- Minimum carbon footprint vs traditional waterproofing systems, influencing positively on light weight transportation and zero emissions, since there is no torch/ flame use
- Uniformed preformed thickness of waterproofing membranes, ensuring quality consistency and assurance, minimizing any failure during application process



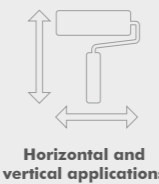
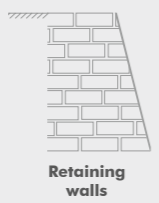
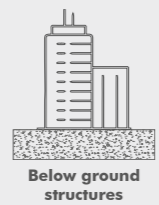


## Bitustick XL

Cross-laminated, self-adhesive waterproofing membrane

**RADON RESISTANT**

Specially formulated for tropical climates, Bitustick XL self-adhesive membrane, combines excellent waterproofing properties, easy workability and long-term durability, becoming as such, the optimal choice for addressing even the most challenging waterproofing jobs. Based on its outstanding technical performance, during the last 20 years, Bitustick XL earned its reputation as the most trusted waterproofing solution for the Infrastructure projects across GCC, contributing to the world-renowned development of Dubai.



## Bitustick XLR

Fiber-reinforced, self-adhesive waterproofing membrane

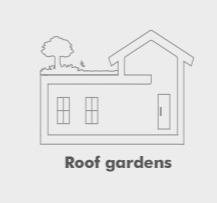
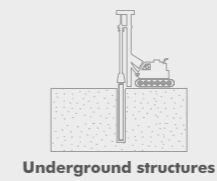
Reinforced with a dimensionally stable, rot resistant tough glass fibre carrier, Bitustick XLR is a self-adhesive waterproofing membrane, suitable as waterproofing or damp proofing solution for both, vertical and horizontal applications, for tanking below ground structures, subways, as well as retaining walls. Due to its excellent resistance to chlorides, sulphates, alkalis and acids, Bitustick XLR is recommended in particular for projects where the concrete structure is built underground, in a highly acid soil.



## Bitustick R 250

Polyester-laminated, self-adhesive waterproofing and protection membrane

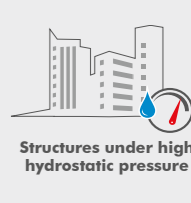
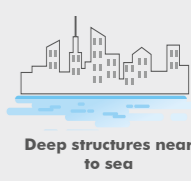
Bitustick R 250, due to its flexibility and the presence of a tough and durable top surface, is recommended as standalone self-adhesive membrane in areas where anti-root properties are required, or providing protection to bitumen based membranes, tapes and coatings applied on vertical surfaces, pipes and other complicated profiles exposed to high puncture risk or weather. Enhanced with SBS modified bitumen, Bitustick R 250 easily adheres to any surface and at the same time provides an efficient waterproofing and damp proofing layer for underground structures.



## Bitustick R 400

Polypropylene-laminated, SBS-modified, self-adhesive waterproofing and protection membrane

Bitustick R 400 is ideally suited to protect bitumen-based membranes, tapes and coatings on complex concrete profiles, pipes or underground structures with high depth of excavation, due to its high puncture, excellent adhesion and superior chemical resistance. Packed with the "secured sealing" technology, Bitustick R 400 ensures no water penetration through the laps, as such, is being recommended as the ideal solution for the protection of bitumen-based membranes, as part of Watertite T 2015 - waterproofing system designed for projects with high water table.



Excellent durability



Nail puncture resistance



Superior protection against water and moisture



Excellent rot resistance



Strong adhesion to vertical and horizontal surfaces



Good tear resistance



High puncture resistance



Superior chemical resistance



Anti-root properties



High puncture resistance



Excellent adhesion on different substrates



Secured sealing of the laps



# 100+ Years of construction experience

## Bitustick R 3000

**Polyester-reinforced, high performance cross laminated waterproofing membrane**

**RADON RESISTANT**

Strengthened with a central core of heavy-duty, non-woven polyester with outstanding mechanical properties, Bitustick 3000 is recommended as it is used for waterproofing or dampproofing, intended for concrete protection of tanking below ground structures, subways and retaining walls. Bitustick 3000, due to its excellent dimensional stability and high tensile resistance, is a high-performance waterproofing membrane, part of Watertite S 2012 system – waterproofing solution for projects with high depth of excavation and high water table.

## Bitustick Cool

**Preformed self-adhesive bituminous coating membrane**

Be it for an individual villa, a residential compound or any other below the ground concrete structure where the water table is low, choosing the right waterproofing solution will reflect not only on the longevity of the project, but also on the resources efficiency during the construction phase. Bitustick Cool, the new generation of bitumen coatings, comes packed up with all the added benefits required to ensure a more efficient and controlled application, superior technical properties and high durability, offering as such, an innovative, easy to use waterproofing solution that professionals can rely on.

Project: Burj Khalifa  
Category: Flooring  
Location: UAE

Project: Dubai Metro  
Category: Waterproofing  
Location: UAE



Project: Parallel Roads - Phase 2A1  
Category: Waterproofing  
Location: UAE

Project: Luxembourg Pavillion (Expo 2020)  
Category: Structural Repair  
Location: UAE



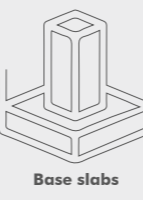
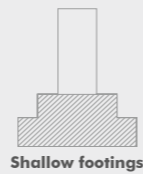
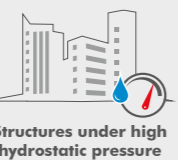
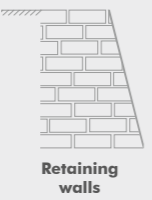
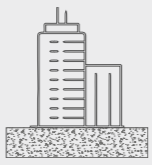
Project: ADNOC Head Quarters  
Category: Waterproofing  
Location: UAE

Project: Dubai Airport  
Category: Waterproofing  
Location: UAE



Project: Museum of The Future  
Category: Concrete Repair  
Location: UAE

Project: 1<sup>ST</sup> Interchange  
Category: Waterproofing  
Location: UAE



Outstanding mechanical properties



Excellent water and vapor resistance



Superior dimensional stability



Secured sealing



Resistant to hydrostatic pressure



Uniform thickness - controlled application

# Polybit



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**Quality for Professionals**