



# WATERPROOFING

Reshaping  
the Future of  
Sustainable  
Construction



# ABOUT US

hahne is a trusted name in construction chemical solutions, formed through a strategic joint venture between Sievert SE, Germany and 20 Microns Limited, India. This powerful collaboration unites over 100 years of German precision engineering with decades of deep-rooted Indian market expertise, delivering high-performance systems tailored for local conditions.

Combining Sievert's technology of innovation in waterproofing and tiling solutions and 20 Microns' dominance in mineral science and raw material technology, hahne is uniquely positioned to serve the Indian construction industry with unmatched quality and consistency.

Our manufacturing processes are driven by German technical standards, while our products are adapted to meet the practical demands of Indian sites. From tile adhesives and epoxy grouts to future-ready waterproofing systems, hahne offers engineered reliability, proven durability and constant practical performance.

Built on the principles of precision, trust and partnership, hahne is committed to building a better, stronger and more durable tomorrow.

## PU-LWM

### One-Component Solvent Based Polyurethane Elastomeric Waterproofing Coating

hahne PU-LWM is a single-component, solvent-based, high-tensile, moisture-cured modified polyurethane elastomeric liquid membrane designed for waterproofing applications. It is hydrophobic and highly elastic and, on application, reacts with atmospheric moisture to form a seamless, monolithic waterproofing membrane.

#### PROPERTIES

- High tensile PU membrane
- Excellent crack bridging
- Seamless waterproofing
- Excellent adhesion to concrete
- High elongation
- Durable and weather resistant
- Suitable for trafficable areas

#### APPLICATIONS

Terraces, balconies, podiums, terrace gardens and concrete roofs.

#### TECHNICAL DATA

- Tensile Strength:  $2.5 \pm 0.2 \text{ N/mm}^2$
- Elongation:  $500 \pm 50\%$
- Crack Bridging: 3 mm
- Bond Strength:  $\geq 1.5 \text{ N/mm}^2$
- Tear Resistance: 10 N/mm

#### PACK SIZE : 25 kg

#### CONSUMPTION

- Approx. 1.6 – 1.65 kg/m<sup>2</sup> @ 1 mm DFT



## PRIMESTICK-PU

### Aromatic Polyurethane Primer

hahne PrimeStick-PU is a single-component, low-viscosity polyurethane resin-based penetrating primer designed to improve adhesion and flexibility of polyurethane waterproofing systems on suitably prepared concrete and metal substrates. Its penetrating nature helps consolidate and prepare the substrate to provide an improved bond for subsequent polyurethane membrane application.

#### PROPERTIES

- Deep penetrating primer
- Excellent adhesion
- Fast drying
- Improves flexibility
- Chemical resistant
- Easy application

#### APPLICATIONS

Concrete surfaces, metal substrates and PU waterproofing systems.

#### TECHNICAL DATA

- Specific Density: ~ 0.95
- Non-volatile Content : 24 – 26%
- Recoating Time: 2 hrs
- DFT: 40 – 50 microns

#### PACK SIZE : 20 Ltr

#### CONSUMPTION

- Approx. 0.20 – 0.25 ltr/m<sup>2</sup>



# PU-XSEAL ULTRA

## High Performance, Water Based Polyurethane Elastomeric Waterproofing Coating

PU-XSEAL Ultra is a premium single component polyurethane waterproofing membrane offering superior elongation, tensile strength and long-term UV durability for exposed structures.

### PROPERTIES

- Pure polyurethane technology
- Excellent crack bridging ability
- High tensile strength
- UV resistant membrane
- High abrasion resistance
- Excellent flexibility
- Suitable for foot traffic
- Long-term durability

### APPLICATIONS

Exposed terraces, podiums, balconies, metal roofs and polyurethane foam protection.

### TECHNICAL DATA

- Tensile Strength:  $4 \pm 0.4 \text{ N/mm}^2$
- Elongation:  $\geq 600\%$
- Crack Bridging: 4 mm
- Bond Strength:  $\geq 1.5 \text{ N/mm}^2$
- Shore A Hardness:  $\geq 60$

**PACK SIZE :** 25 kg

### CONSUMPTION

- Approx.  $2 \text{ kg/m}^2$  @ 1 mm DFT



# PU-XSEAL

## One-Component Hybrid Polyurethane Elastomeric Waterproofing Coating

PU-XSEAL is a polyurethane modified acrylic waterproofing membrane designed to provide seamless waterproofing with excellent flexibility and weather durability.

### PROPERTIES

- Hybrid PU-acrylic technology
- Excellent flexibility
- UV resistant coating
- Seamless membrane system
- Trafficable waterproof coating
- Durable and weather resistant
- Easy maintenance
- Excellent crack bridging

### APPLICATIONS

Terraces, exposed roofs, balconies, parapet walls and metal roofs.

### TECHNICAL DATA

- Tensile Strength:  $\geq 2 \text{ N/mm}^2$
- Elongation:  $\geq 300\%$
- Crack Bridging: 3 mm
- Solid Content:  $55 \pm 2 \%$

**PACK SIZE :** 25 kg

### CONSUMPTION

- Approx.  $2 \text{ kg/m}^2$  @ 1 mm DFT



# PRIMESTICK-WEP

## Two Component Water Dispersed Epoxy Primer

PrimeStick-WEP is a water dispersed epoxy primer designed to improve substrate strength and adhesion before waterproofing and protective coating applications of PU-XSEAL and PU-XSEAL ULTRA.

### PROPERTIES

- Water dispersed epoxy system
- Excellent bond strength
- Odourless and eco-friendly
- Suitable for damp concrete
- Excellent adhesion promoter
- Fast curing

### APPLICATIONS

Concrete, screeds, terraces, cementitious substrates and metal surfaces.

### TECHNICAL DATA

- Pull Off Adhesion:  $\geq 2 \text{ N/mm}^2$
- Pot Life: 2 hrs
- Non-volatile Content :  $55 \pm 5\%$
- Specific Density: 1.0 – 1.1

**PACK SIZE :** 20 kg (Component A 14.5 kg + Component B 5.5 kg)

### CONSUMPTION

- Approx.  $0.20 - 0.25 \text{ kg/m}^2$



# AR-SEAL PREMIUM

## High Performance Acrylic Elastomeric Waterproofing Coating

AR-SEAL PREMIUM is a high-performance UV resistant acrylic elastomeric waterproofing membrane offering superior flexibility, crack bridging and weather durability for exposed roofs and terraces.

### PROPERTIES

- UV resistant waterproof membrane
- Excellent flexibility and elongation
- High crack-bridging capability
- Excellent weather durability
- Anti-fungal and anti-algal resistant
- Breathable membrane
- Excellent adhesion on concrete
- Suitable for exposed applications

### APPLICATIONS

Terraces, exposed roofs, balconies, metal roofs, wet areas and refurbishment waterproofing.

### TECHNICAL DATA

- Tensile Strength:  $\geq 1.5 \text{ N/mm}^2$
- Elongation:  $\geq 200\%$
- Crack Bridging: 2 mm
- Bond Strength:  $\geq 1 \text{ N/mm}^2$

**PACK SIZE :** 25 kg

### CONSUMPTION

- Approx.  $1.4 - 1.5 \text{ kg/m}^2$  @ 1 mm DFT



# AR-SEAL

## One Component Acrylic Elastomeric Waterproofing Coating

AR-SEAL is a single component acrylic elastomeric waterproofing coating designed for seamless waterproof protection of concrete roofs, balconies and wet areas. It provides flexibility, crack bridging and excellent adhesion on cementitious substrates for non-UV exposed applications.

### PROPERTIES

- Economical waterproofing membrane
- Good flexibility and elongation
- Excellent crack-bridging performance
- Breathable coating system
- Easy brush or roller application
- Good adhesion to concrete
- Resistant to peeling and flaking
- Suitable for damp substrates

### APPLICATIONS

Concrete roofs, balconies, chajjas, wet areas, masonry walls and podium slabs.

### TECHNICAL DATA

- Tensile Strength:  $\geq 1 \text{ N/mm}^2$
- Elongation:  $\geq 150\%$
- Crack Bridging:  $\geq 1.5 \text{ mm}$
- Bond Strength:  $\geq 1 \text{ N/mm}^2$

**PACK SIZE :** 25 kg

### CONSUMPTION

- Approx.  $1.7 - 1.8 \text{ kg/m}^2$  @ 1 mm DFT



# PRIMESTICK-AR

## Single Component Acrylic Based Pigmented Primer

PrimeStick-AR is a water-based acrylic primer developed to improve adhesion and seal porous concrete and masonry surfaces before waterproof coating applications of AR-SEAL and AR-SEAL PREMIUM.

### PROPERTIES

- Excellent substrate penetration
- Improves adhesion
- Alkali resistant
- Fast drying
- Easy brush/roller application
- Excellent bonding on concrete

### APPLICATIONS

Concrete surfaces, masonry walls, terraces, tiles and GI sheets.

### TECHNICAL DATA

- Non-volatile Content :  $47 \pm 3\%$
- Specific Density : 1.30 – 1.40

**PACK SIZE :** 25 kg

### CONSUMPTION

- Approx.  $0.2 - 0.25 \text{ kg/m}^2$



# PROLASTIC® 55Z

## 2K Flexible, Fast Reactive Thick Waterproofing Coating

PROLASTIC® 55Z is a 2-component, bitumen-free thick coating for the highest demands. Easy, fast, flexible, highly crack-bridging and universally applicable.

### PROPERTIES

- Flexible, polymer-modified thick coating
- Flexible, mineral sealing slurry
- Highly crack-bridging
- UV-Resistant
- Extremely pressure-resistant
- Suitable for filling, brushing and spraying
- Solvent-free and environmentally friendly
- Compatible with plaster and paints

### MIXING RATIO

- 1 (Part A Liquid) : 1 (Part B Powder)

### APPLICATIONS

Damp and wet rooms, balconies, terraces, Podiums, basements, swimming pool underground and overhead tanks.

**PACK SIZE** : 26 kg (2 x 6.5 kg Part A + 2 x 6.5 kg Part B)

### CONSUMPTION

- approx. 1.1 kg/m<sup>2</sup> for normal water pressure areas like wet areas, balconies and terraces/podium
- approx. 2.2 kg/m<sup>2</sup> for high water pressure areas like swimming pool, overhead tanks, underground tanks and basement



# RSB 55Z

## 2K Flexible, Fast Reactive Cementitious Waterproofing Coating

RSB 55Z is a 2-component, cold-flexible, highly pressure-resistant, crack-bridging waterproofing compound. Mixing the two components produces and easy-to-apply pasty mixture using trowel.

### PROPERTIES

- Flexible
- Crack-bridging
- High tensile strength
- Rainproof after approx. 2 hours
- Resistant to pressurized water after 16 hours
- Solvent-free and environmentally friendly
- Compatible with plaster and paints

### MIXING RATIO

- 1 (Part A Liquid) : 1.5 (Part B Powder)

### APPLICATIONS

Damp and wet rooms, balconies, terraces, Podiums, basements and overhead tanks.

**PACK SIZE** : 25 kg (10kg Part A + 15kg Part B)

### CONSUMPTION

- approx. 1.6 kg/m<sup>2</sup> for normal water pressure areas like wet areas, balconies and terraces/podium
- approx. 3.2 kg/m<sup>2</sup> for high water pressure areas like overhead tanks, underground tanks and basement



# Poly-C1 54Z

## 2K Flexible, Polymer-Modified Cementious Waterproofing Coating

Poly-C1 54Z is a flexible, well-adhering polymer cement based waterproofing coating. After mixing the two components, the result is a slurry based coating that is easy to apply by brush or roller.

### PROPERTIES

- Flexible
- Crack-bridging
- Waterproof
- Universal use
- Can be plastered over

### MIXING RATIO

- 1 (Part A Liquid) : 3 (Part B Powder)

### APPLICATIONS

Damp and wet rooms, balconies, terraces, arcades, waterproofing of concrete surfaces in areas in contact with the ground.

**PACK SIZE** : 20 kg (5kg Part A + 15kg Part B)

### CONSUMPTION

- approx. 1.8 - 2.0 kg/m<sup>2</sup> for normal water pressure areas like wet areas, balconies and terraces/podium



# SELFSEAL HDPE 120 SC / 150 SC

## Sand Coated HDPE Membrane

SelfSeal HDPE 120 SC / 150 SC is a pre-applied self-adhesive HDPE waterproofing membrane designed for below-grade waterproofing applications with high puncture and hydrostatic resistance.

### PROPERTIES

- Excellent puncture resistance
- High tensile strength
- UV and ozone resistant
- Prevents lateral water migration
- Flexible and durable membrane
- Excellent peel adhesion

### APPLICATIONS

Basements, raft slabs, retaining walls, tunnels and podium decks.

### TECHNICAL DATA

- Thickness: 1.2 mm / 1.5 mm
- Tensile Strength:  $\geq 25 \text{ N/mm}^2$
- Elongation:  $\geq 500\%$
- Peel Adhesion:  $\geq 1500 \text{ N/m}$
- Hydrostatic Resistance: 71 m head

**PACK SIZE** : 24 sqm

### CONSUMPTION

- 1.08 sqm membrane required per sqm area including overlaps.



# SELFSEAL HDPE 150HW / 150 DS

## Sand Coated HDPE Membrane with Heat-Weldable Selvage / Dual Selvage

SelfSeal HDPE 150 HW / 150 DS is a high - performance HDPE waterproofing membrane with heat weldable selvage / dual side selvage for superior seam sealing and long-term waterproof integrity.

### PROPERTIES

- Heat weldable edge system
- Excellent seam bonding
- High puncture resistance
- UV resistant membrane
- Superior tensile strength
- Long-term durability

### APPLICATIONS

Basements, tunnels, podium slabs, retaining walls and raft waterproofing.

### TECHNICAL DATA

- Thickness: 1.5 mm
- Tensile Strength:  $\geq 25 \text{ N/mm}^2$
- Elongation:  $\geq 500\%$
- Peel Adhesion:  $\geq 1500 \text{ N/m}$
- Hydrostatic Resistance: 71 m head

**PACK SIZE** : 24 sqm

### CONSUMPTION

- 1.08 sqm membrane required per sqm area including overlaps



# BONDTAPE DS 60

## Double-Sided Adhesive Tape for HDPE Membrane

BondTape DS 60 is a double-sided adhesive sealing tape designed for overlap sealing and detailing applications in HDPE membrane systems.

### PROPERTIES

- High adhesive strength
- Excellent sealing performance
- Easy installation
- Moisture resistant
- Flexible and durable

### APPLICATIONS

Membrane overlap joints, detailing corners and sealing applications.

### TECHNICAL DATA

- High tack adhesive system
- Excellent overlap sealing
- Flexible bonding performance

**PACK SIZE** : 20 m (80 mm width)

### CONSUMPTION

Approx. 1 running metre per running metre joint



# SELFSEAL SBS 150

## Self-Adhesive SBS Modified Bituminous Membrane With Cross-Laminated HDPE

SelfSeal SBS 150 is a self-adhesive SBS modified bituminous membrane reinforced with cross laminated HDPE film for roof and below-grade waterproofing applications.

### PROPERTIES

- Self-adhesive installation
- Excellent waterproofing
- Good puncture resistance
- High flexibility
- Strong adhesion to substrate
- Durable HDPE protection layer

### APPLICATIONS

- Terraces, basements, podiums, and retaining walls

### TECHNICAL DATA

- Tensile Strength:  $\geq 2 \text{ N/mm}^2$
- Elongation:  $\geq 150\%$
- Crack Bridging: Excellent flexibility
- Bond Strength: Excellent adhesion

**PACK SIZE :** 20 sqm

### CONSUMPTION

- 1.1 sqm membrane required per sqm area including overlaps



# PRIMESTICK-BT

## Solvent-Based Primer for Self-Adhesive Bituminous Membrane

PrimeStick-BT is a solvent-based primer designed to enhance adhesion and bonding of self-adhesive bituminous waterproofing membranes.

### PROPERTIES

- Excellent penetration
- Fast drying
- Improves membrane adhesion
- Easy application
- Compatible with bituminous systems

### APPLICATIONS

Concrete surfaces before installation of self-adhesive bituminous membranes.

### TECHNICAL DATA

- Fast drying solvent system
- Excellent substrate penetration
- Strong bonding performance

**PACK SIZE :** 20 Ltr

### CONSUMPTION

- Approx.  $0.20 - 0.25 \text{ kg/m}^2$



# SWELLGUARD PWB

## Polymeric Swellable Water Bar

SwellGuard PWB is a hydrophilic polymeric swellable water bar designed to seal construction joints by expanding in contact with water and preventing water ingress through concrete joints.

### PROPERTIES

- Expands on contact with water
- Excellent sealing efficiency
- Flexible polymeric composition
- Easy installation
- Durable and long-lasting
- Suitable for construction joints

### APPLICATIONS

Construction joints, retaining walls, basements, water tanks, tunnels and precast concrete joints.

### TECHNICAL DATA

- Volumetric Expansion :  $\geq 250\%$
- Tensile Strength :  $\geq 5 \text{ N/mm}^2$
- Shore A Hardness:  $45 \pm 5$
- Elongation:  $\geq 400\%$

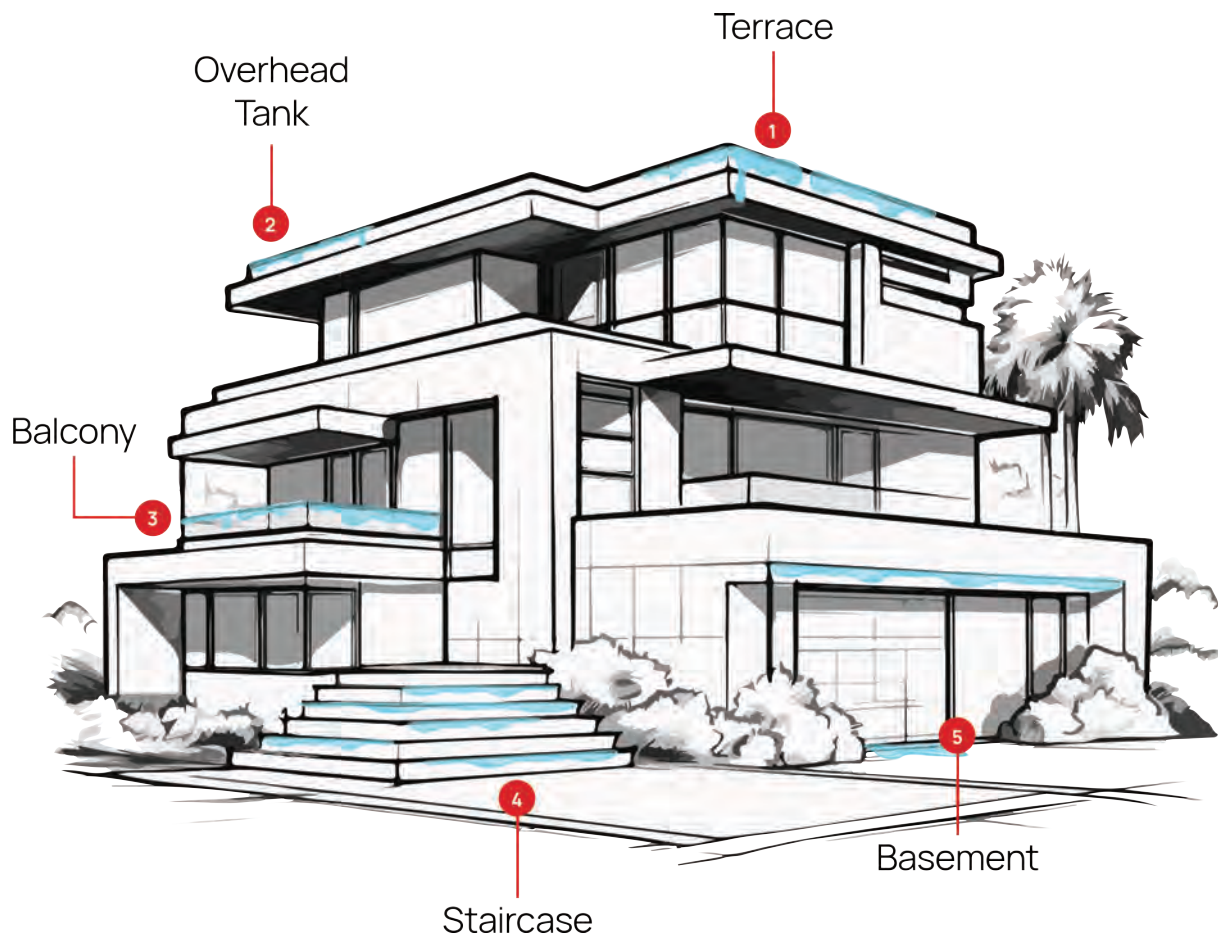
**PACK SIZE :** 10 M (10 x 20 mm / 25 x 25 mm )

### CONSUMPTION

- 1 running metre per running metre joint



Your Space has more Leak Points than you think



## BUILDING MATERIALS SOLUTIONS

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