

# Polyurethane waterproofing Solutions

**we  
care**

# Why to choose weber polyurethane liquid applied membranes for waterproofing?

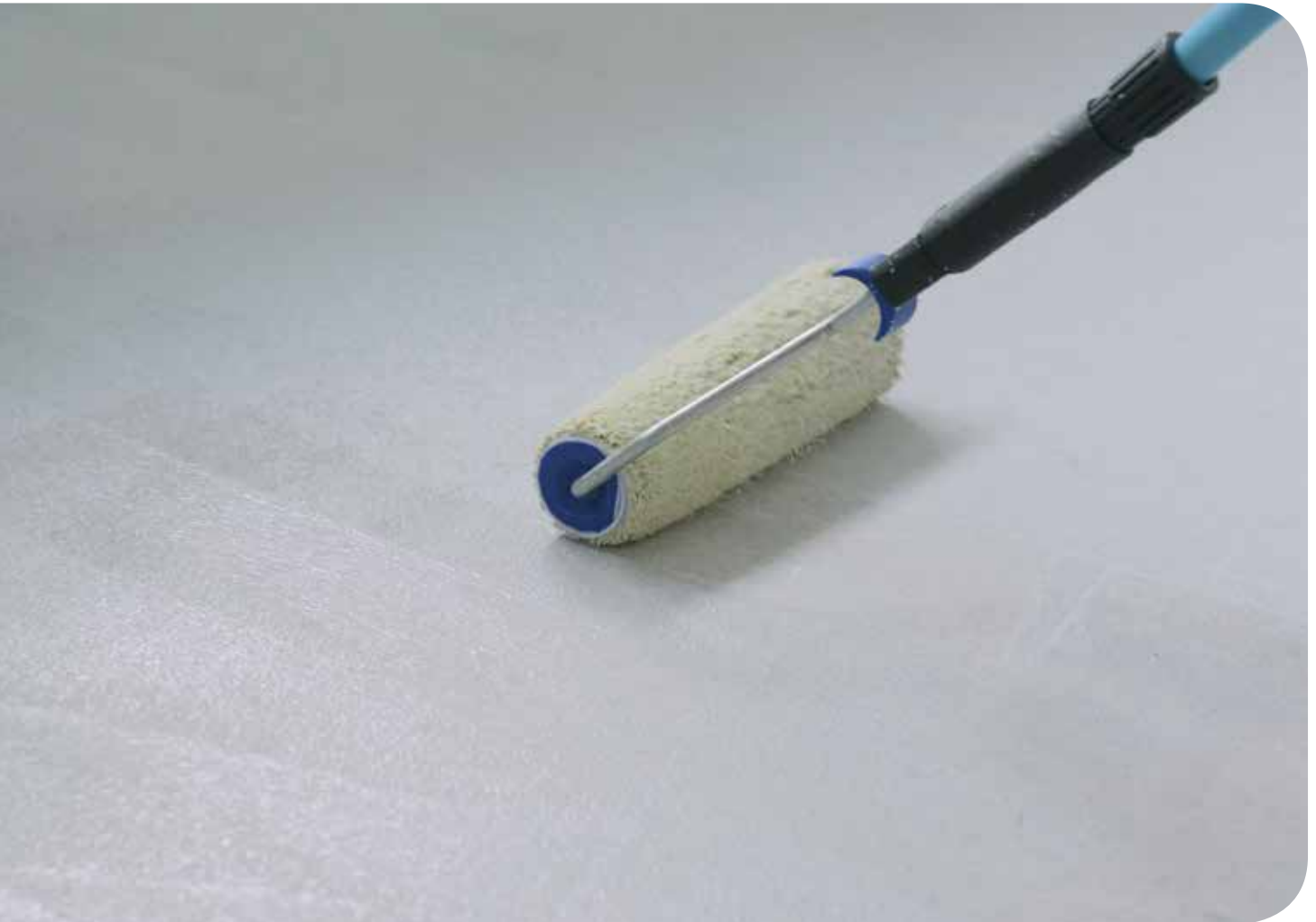
- ◉ When applied they form a seamless membrane, without joints or leaks possibilities.
- ◉ Provide high crack bridging properties resulting from the high permanent elasticity of the polyurethane resin.
- ◉ Provide water vapor permeability, allowing the surface to breathe, releasing slowly any trapped moisture under the liquid membrane.
- ◉ Offer complete UV resistance, providing a secure solution for even the harshest conditions on the planet.
- ◉ Can be used for high pedestrian and low vehicular traffic conditions.
- ◉ Easy and fast local repair, if the membrane is mechanically damaged.



## weberdry prime 310 PU

**weberdry prime 310 PU** is a transparent, rigid, deep penetrating, one component, quick drying solvent based polyurethane primer.

Used as a primer in waterproofing applications on absorbent surfaces.



### Advantages

- + Simple application
- + Quick drying
- + Deep penetration
- + Excellent anchoring to absorbent surfaces
- + Resistant to stagnating water
- + Provides high tensile and impact strength
- + Heat and frost resistant
- + Stops the creation of dusts
- + Chemical resistant

### Uses

The **weberdry prime 310 PU** is mainly used as a primer for polyurethane waterproofing coatings and polyurethane joint sealants on absorbent surface like:

- Concrete
- Mortar
- Plaster
- Wood

## weberprim EP 2 K

**weberprim EP 2 K** is a transparent, rigid, two component epoxy primer, water-based used as a universal primer in waterproofing, sealing and floor coating applications on absorbent and non-absorbent surfaces.



### Advantages

- + Simple application
- + Excellent anchoring to absorbent and non-absorbent surfaces
- + Can be applied on moist surfaces, without loss of adhesion
- + Resistant to stagnating water
- + Can be diluted with water
- + Provides high tensile and impact strength
- + Heat and frost resistant
- + Stops the creation of dusts
- + Chemical resistant

### Uses

The **weberprim EP 2 K** is mainly used as a primer for polyurethane waterproofing coatings, polyurethane joint sealants and epoxy floor coatings on non-absorbent surfaces like:

- Metal (Various)
- Asphalt
- Bitumen felts
- Ceramic tiles
- Glass

It can also be used as a primer on concrete, mortar, plaster.



## weberprim PUR tile

**weberprim PUR tile** is a transparent, one-component adhesion promoter that chemically activates ceramic and glass surfaces providing excellent adhesion to the coating that follows, solvent based.



### Advantages

- + Simple application
- + Excellent anchoring to "difficult" glass and glazed surfaces
- + UV-stable
- + Quick drying

### Uses

The **weberprim PUR tile** is mainly used as an adhesion promoter (primer) for **weberdry PUR trans** transparent polyurethane coatings on non-absorbent glazed surfaces like:

- Glazed ceramic tiles
- Glass
- Glass bricks

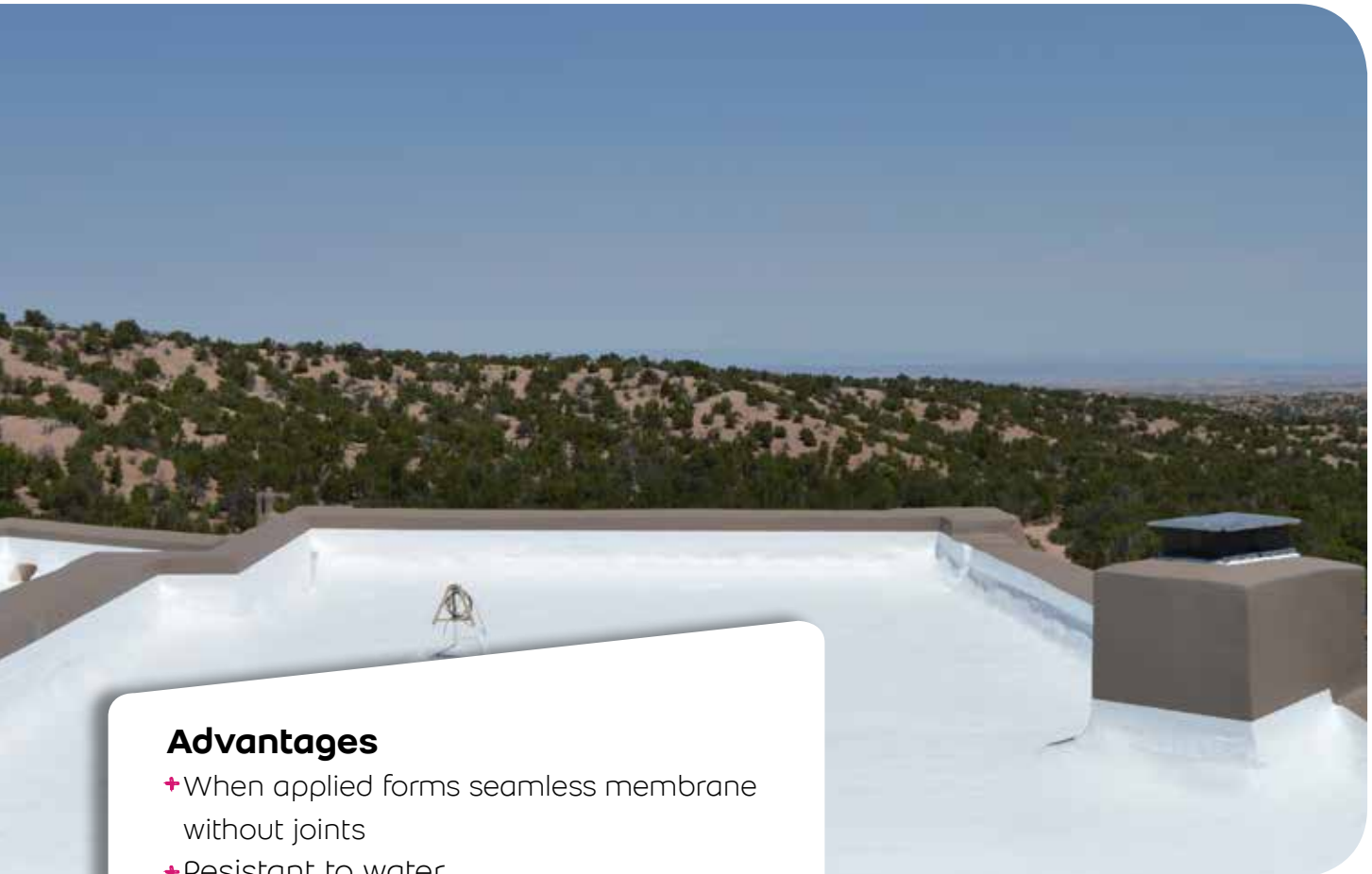
**weberprim PUR tile** can also be used in combination with other weber polyurethane coatings to be applied on glass surfaces.

# Liquid waterproofing membranes

## weberdry PUR seal

**weberdry PUR seal** is a premium, one component permanent elastic, liquid-applied polyurethane coating that cures to a seamless, high elastic waterproofing membrane. It is used for long-lasting waterproofing.

Due to its high technology properties, this product solves waterproofing problems, such as stagnating water, frost, humidity, long term sun exposure, etc.



### Advantages

- + When applied forms seamless membrane without joints
- + Resistant to water
- + Elongation at Break >800 %
- + Crack-bridging up to 2mm, even at -10°C
- + Provides water vapor permeability
- + Provides excellent thermal resistance
- + Provides excellent weather and UV resistance
- + Provides high sun reflectivity, contributing to thermoinsulation
- + Provides excellent adhesion to almost any type of surface
- + Waterproofs old bitumen, asphalt felts
- + Resistant to detergents, oils, seawater and domestic chemicals
- + Easy local repair, if the membrane is mechanically damaged

### Uses

- Roofs, Balconies, Terraces
- Pedestrian Decks, Plazas
- Vehicular Decks, Roof Car Parks
- Wet areas (bathrooms, kitchens, balconies)
- Planter boxes, Green roofs
- Protection over PUR-spray foam
- Waterproofing and protection of concrete constructions

# Liquid waterproofing membranes

## weberdry 360 PU

**weberdry 360 PU** is a premium, liquid-applied, highly permanent elastic, cold applied and cold curing, one component polyurethane membrane used for long-lasting waterproofing.

This product is based on pure elastomeric hydrophobic polyurethane resins, which result in excellent mechanical, chemical, thermal, UV and nature element resistance properties.



### Advantages

- + When applied forms seamless membrane without joints
- + Resistant to water
- + Elongation at Break > 600 %
- + Crack-bridging
- + Provides water vapor permeability
- + Provides excellent thermal resistance
- + Provides excellent adhesion to almost any type of surface
- + Waterproofs old bitumen, asphalt felts
- + The waterproofed surface can be used for domestic and public pedestrian traffic
- + Resistant to detergents, oils, seawater and domestic chemicals
- + Easy local repair, if the membrane is mechanically damaged

### Uses

- Roofs, Balconies, Terraces
- Wet areas (bathrooms, kitchens, balconies)
- Pedestrian traffic decks
- Protection over PUR-spray foam
- Waterproofing and protection of concrete constructions

# Liquid waterproofing membranes –

## weberdry 365 MPU

**weberdry 365 MPU** is a liquid applied one component, water based modified polyurethane, when applied form a permanent elastic membranes used for coating of exterior surfaces. It forms a hydrophobic 100% waterproofing seamless membrane without joints or leak possibilities.



### Advantages

- + Simple application
- + When applied forms seamless membrane without joints
- + UV-stable
- + Suitable for exposed surfaces
- + No need for special primer
- + Resistant to water
- + Provides water vapor permeability
- + The waterproofed surface can be walked on (domestic use)
- + Easy local repair, if the membrane is mechanically damaged

### Uses

- Roofs, Balconies, Terraces
- Wet areas (under tile)
- Waterproofing and protection of concrete constructions



# Liquid waterproofing membranes –

## weberdry PUR seal 2K

**weberdry PUR seal 2K** is a liquid-applied, solvent-free, hard elastic, cold applied and cold curing, two component polyurethane membrane used for long-lasting waterproofing and protection of water tanks and reservoirs.



### Advantages

- + Certified for direct contact with potable (drinking) water
- + When applied forms a seamless membrane without joints or leak possibilities
- + Resistant to water
- + Remains elastic even at low (frost) temperature
- + Full surface adherence
- + The waterproofed surface can be walked on

### Uses

- Drinking water tanks and reservoirs
- Drinking water supply channels
- Drinking water pipes

# Liquid waterproofing membranes –

## weberdry PUR B1K

**weberdry PUR B1K** is a liquid-applied, highly permanent elastic, cold applied and cold curing, bitumen extended, one component polyurethane membrane used for long lasting waterproofing, solvent based.

The **weberdry PUR B1K** is based on pure elastomeric hydrophobic polyurethane resins, and is extended with chemically polymerized virgin bitumen, which results in excellent mechanical, chemical, thermal and natural element resistance properties.



### Advantages

- + Simple application
- + Elongation at Break > 800 %
- + When applied forms seamless membrane without joints
- + Provides excellent adhesion to almost any type of surface
- + Resistant to water
- + Provides excellent crack-bridging properties
- + Provides excellent thermal resistance, it never turns soft
- + Easy local repair, if the membrane is mechanically damaged
- + Resistant to domestic chemicals

### Uses

- Foundations
- Retaining walls
- Concrete structures
- Wet areas (under tile)

# Liquid waterproofing membranes –

## weberdry PUR trans

**weberdry PUR trans** is a transparent, hard-elastic, one component aliphatic polyurethane, high-solids coating, used for long- Lasting waterproofing. This high-technology coating is UV-stable, non-yellowing, weather stable, alkali and chemical resistant and even after aging it remains transparent and elastic. This product protects and waterproofs mineral surfaces against water penetration, frost, smog and acid rain. Aged and oxidized plastic surfaces look more transparent after coating with **weberdry PUR trans**.



### Advantages

- + Simple application
- + When applied forms seamless transparent membrane
- + UV-stable
- + Non-yellowing
- + Resistant to water
- + Provides water vapor permeability
- + Provides excellent adhesion
- + The waterproofed surface can be used for domestic pedestrian traffic
- + Easy local repair, if the membrane is mechanically damaged

### Uses

- Balconies and terraces
- Glass / Glass-brick walls
- Transparent plastics (e.g. Polycarbonate)
- Ceramic surfaces
- Naturel stones
- Wood



# Top coats

## weberdry PUR coat

**weberdry PUR coat** is a pigmented, color and UV-stable, highly permanent elastic, cold applied and cold curing, one component aliphatic polyurethane coating, used as a top-coat for protection over exposed, polyurethane waterproofing coatings.

Provides a resistant finish that can withstand domestic pedestrian traffic conditions and prolongs the life span of the waterproofing membrane.



### Advantages

- + Simple application
- + One component
- + Increases the abrasion and wear resistance of the waterproofing membrane underneath
- + UV and Color stable
- + Gives a glossy and easy-to-clean surface
- + Resistant to water
- + The waterproofed surface can be walked on (domestic pedestrian traffic)

### Uses

Over polyurethane waterproofing coatings on surfaces with domestic pedestrian traffic like:

- Roofs
- Balconies
- Terraces
- Verandas



## weberdry PUR coat traffic

**weberdry PUR coat traffic** is a pigmented, wear resistant, semi-rigid, color and UV-stable, weather-stable, cold applied and cold curing, one component aliphatic polyurethane coating used as a top-coat for protection over exposed waterproofing coatings, subject to high wear conditions.

Provides a wear layer finish that can withstand heavy pedestrian and light vehicle traffic conditions.



### Advantages

- + Simple application
- + One component
- + Resistant to constant, heavy abrasion and wear conditions
- + Color stable
- + UV stable
- + Gives a glossy and easy-to-clean surface
- + Resistant to water
- + The waterproofed surface can be walked on (public pedestrian traffic)

### Uses

Over polyurethane waterproofing coatings on surfaces with public pedestrian traffic like:

- Pedestrian decks and walkways
- Stadium tribunes
- Plazas
- Exposed car parking areas



# Protective pool coating

## weberpas PU

**weberpas PU** is a colored, one component, chemical resistant, abrasion resistant, aliphatic, thin-layer protective pool coating.

UV-stable and resistant to usual pool chemicals. Weather-stable so it can be applied also on exterior pools.



### Advantages

- + Easy application
- + One component
- + Color stable
- + Resistant to pools chemicals
- + Resistant to abrasion and wear conditions
- + Gives a satin and easy-to-clean surface

### Uses

**weberpas PU** is used on concrete, cementitious mortar, sand-cement screed, on exterior or interior surfaces for protection in:

- Swimming pools
- Water fountains
- Artificial lakes and ponds



\*colors in brochure may differ slightly from color of product.

# Solutions for Construction & Renovation



## Note

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# Note

Handwriting practice lines consisting of 24 horizontal dashed lines.