

HYPERPROOF[®] SYSTEM

BY CLEVER POLYMERS



"Smart Waterproofing, Smart Investing"



HYPERPROOF® Systems for All Types of Surfaces

At CLEVER POLYMERS, we design and test our products with a focus on diverse surface types and various climate conditions, ensuring reliable performance across a wide range of projects. Our systems are certified with CE, EOTA, and BBA, validating their high quality and durability.

Concrete Surfaces

Concrete is a porous surface that is highly exposed to variable weather conditions and may absorb water, leading to damage over time. Waterproofing is a fundamental requirement at nearly every stage of construction to protect structures from the harmful effects of moisture and water. The CLEVER POLYMERS HYPERPROOF® systems are formulated with high-performance materials that offer excellent workability, durability, elasticity, and strong resistance to weathering, chemicals, mechanical and thermal stress, and UV radiation—making them ideal for concrete roof waterproofing and protection.

Metal Surfaces

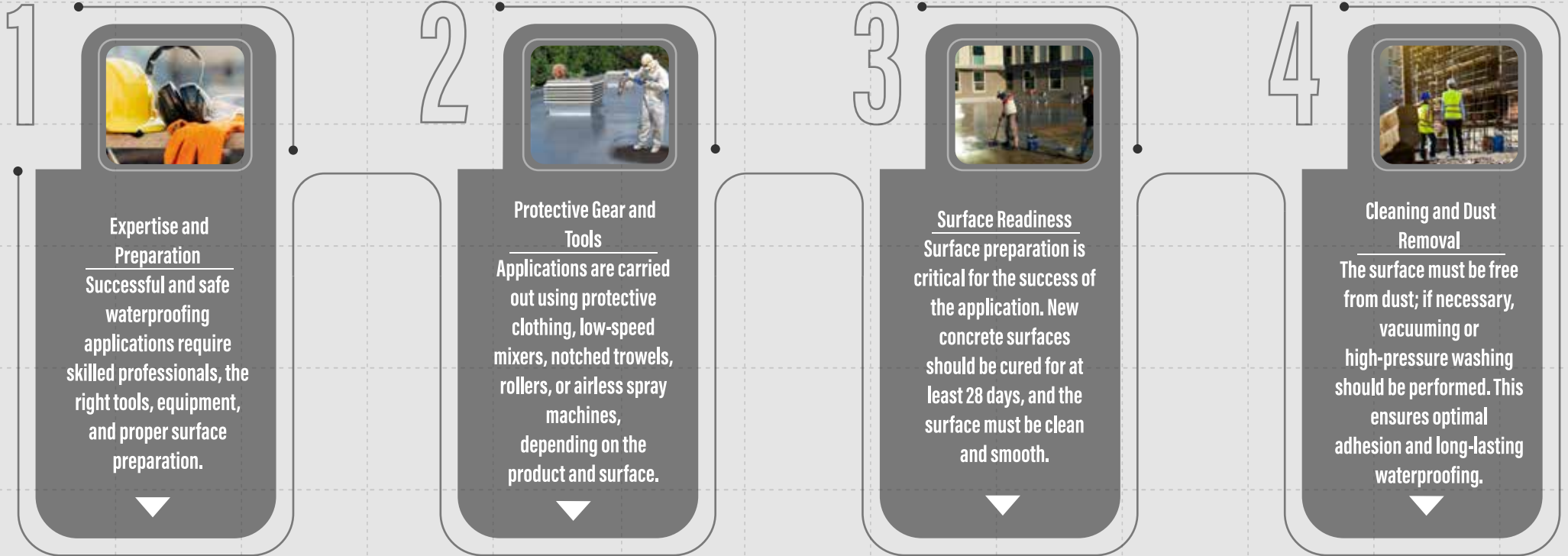
Metal roofs are commonly used in industrial and commercial buildings. However, exposure to harsh weather conditions can significantly affect the lifespan of metal sheets, leading to corrosion, structural damage, and eventually leakages. The HYPERPROOF® waterproofing system by CLEVER POLYMERS provides an economic and durable refurbishment and protection solution for sloped and vertical metal roofs. It offers easy color change, exceptional resistance to atmospheric conditions, and extends the life of the metal surface by protecting it from corrosion and mechanical damage.

Bitumen Membrane Surfaces

When bitumen membranes begin to deteriorate or show signs of water ingress, timely repair and protection become essential to restore waterproofing integrity. CLEVER POLYMERS offers seamless and durable solutions for renovating and protecting bitumen membranes, providing easy application and high-performance waterproofing with minimal intervention—making it an ideal solution for aging roofs. Beyond these specific surface types, our extensive range of primers ensures excellent adhesion and compatibility across a variety of substrates. With the HYPERPROOF® System, we deliver high-performance waterproofing with minimal disruption and effortless application.



"Smart Waterproofing, Smart Investing"





APPLICATION PLANNING & WEATHER CONDITIONS

For waterproofing to be applied safely and effectively, weather conditions must be carefully considered. Application should typically take place in the early morning or late afternoon, within a temperature range of 5 °C to 35 °C. Relative humidity should not exceed 85%, and the surface temperature must be at least 3 °C above the dew point. Application must not be carried out during rain or snowfall. When temperatures exceed 35 °C, materials should be stored in a cool environment, equipment must be kept dry, and the hottest hours of the day should be avoided. For applications below 5 °C, it is strongly recommended to consult the CLEVER POLYMERS technical support team.

High-Performance Waterproofing Systems with HYPERPROOF®



01 Exposed Non-Trafficable Terrace Roof Waterproofing with the HYPERPROOF® System

1-PRIMER

PU PRIMER 200 / EPOXY PRIMER WB

2-SEALING (DETAILING)

CLEVERSEAL PU 35

3-WATERPROOFING MEMBRANE (1st coat)

PU 110

4-WATERPROOFING MEMBRANE (2nd coat)

PU 110

5-ALIPHATIC TOP COAT

PU 650 TC -1K

With the HYPERPROOF® System, exposed non-trafficable concrete terrace roofs are provided with high-performance waterproofing certified by CE, EOTA, and BBA, ensuring a service life of up to 25 years. In addition, the system reflects solar radiation, helping to improve air quality and promote cooler, healthier environments—which in turn contributes to reduced cooling energy costs.



Fast & Efficient Terrace Waterproofing in a Single Day – HYPERPROOF® System 02



1-PRIMER

PU PRIMER 200 / EPOXY PRIMER WB

2-SEALING (DETAILING)

CLEVERSEAL PU 35

3-REINFORCEMENT WITH GEOTEXTILE

GEOTEXTILE FLEECE (45–55 g/m²)

4-WATERPROOFING MEMBRANE

PU 100

In regions with challenging and humid climate conditions, the HYPERPROOF® System enables same-day waterproofing of terrace roofs. The application can be completed in a single layer, within one day, ensuring fast and efficient project execution.

This approach not only provides significant savings in labor costs, but also eliminates the risk of rain damage during the application process.



03 Sustainable Waterproofing for Exposed Non-Walkable Terrace Roofs with the HYPERPROOF® System

1-PRIMER

EPOXY PRIMER WB

2-WATERPROOFING MEMBRANE

(1st coat)

AQUA HYBRID

3-WATERPROOFING MEMBRANE(2nd coat)

AQUA HYBRID

Thanks to its high elasticity, durability, and strong resistance to adverse weather conditions, it is an ideal solution for roof applications. The HYPERPROOF® Aqua System is a unique water-based polyurethane technology, offering a specialized Elastomeric waterproofing coating for both horizontal and vertical surfaces.

This system provides complete exterior protection for buildings located in coastal or mountainous regions, while also contributing to aesthetic enhancement of the surfaces.

3

2

1



Open Car Park Waterproofing with the HYPERPROOF® System 04



1-PRIMER

PU PRIMER 200 / EPOXY PRIMER WB

2- WATERPROOFING MEMBRANE

PU 120

3-ALIPHATIC TOP COAT (First Layer)

PU 640 TC -1K

4-SILICA SAND

5-ALIPHATIC TOP COAT (Second Layer)

PU 650 TC -1K

6-TRAFFIC MARKINGS / LINE STRIPING

PU 650 TC -1K



The HYPERPROOF® Open Car Park System provides effective waterproofing with Enhanced mechanical properties and high crack-bridging capability. It is engineered to withstand heavy traffic loads and offers excellent resistance to chemicals.

5.1

Insulated & Waterproofed Walkable Terrace Roof System (Screed Finish) Using the HYPERPROOF® System

1-CANT STRIP / DETAIL REPAIR

CLV REPAIR/EPOXY REPAIR

2-PRIMER

PU PRIMER 200 / EPOXY PRIMER WB

3-WATERPROOFING MEMBRANE

400 BT-2K/400 BT-1K RAPID

4-PROTECTION WITH GEOTEXTILE

GEOTEXTILE FLEECE (45–55 g/m²)

5-THERMAL INSULATION

XPS INSULATION BOARDS (As per project specification)

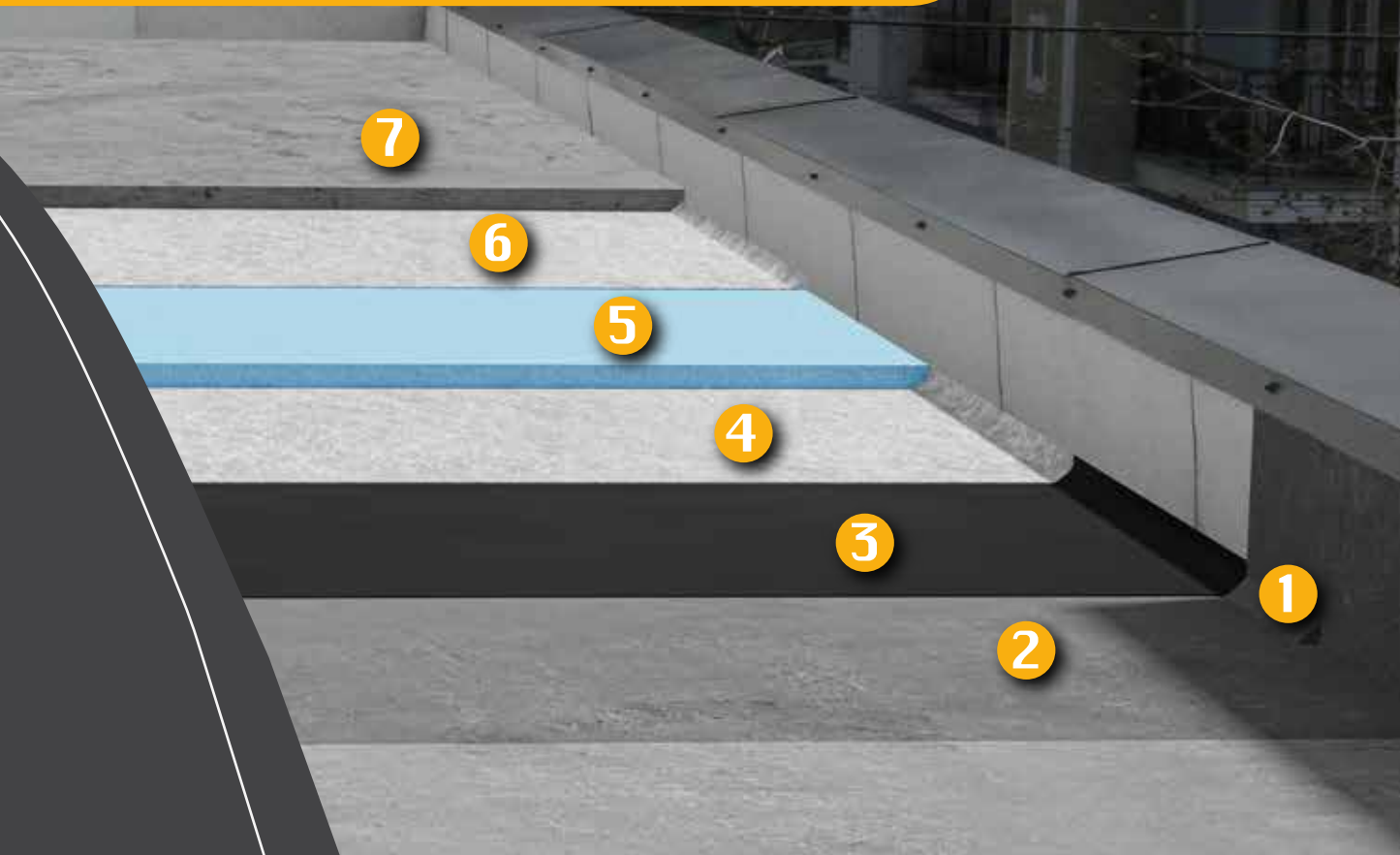
6-PROTECTION WITH GEOTEXTILE

GEOTEXTILE FLEECE (45–55 g/m²)

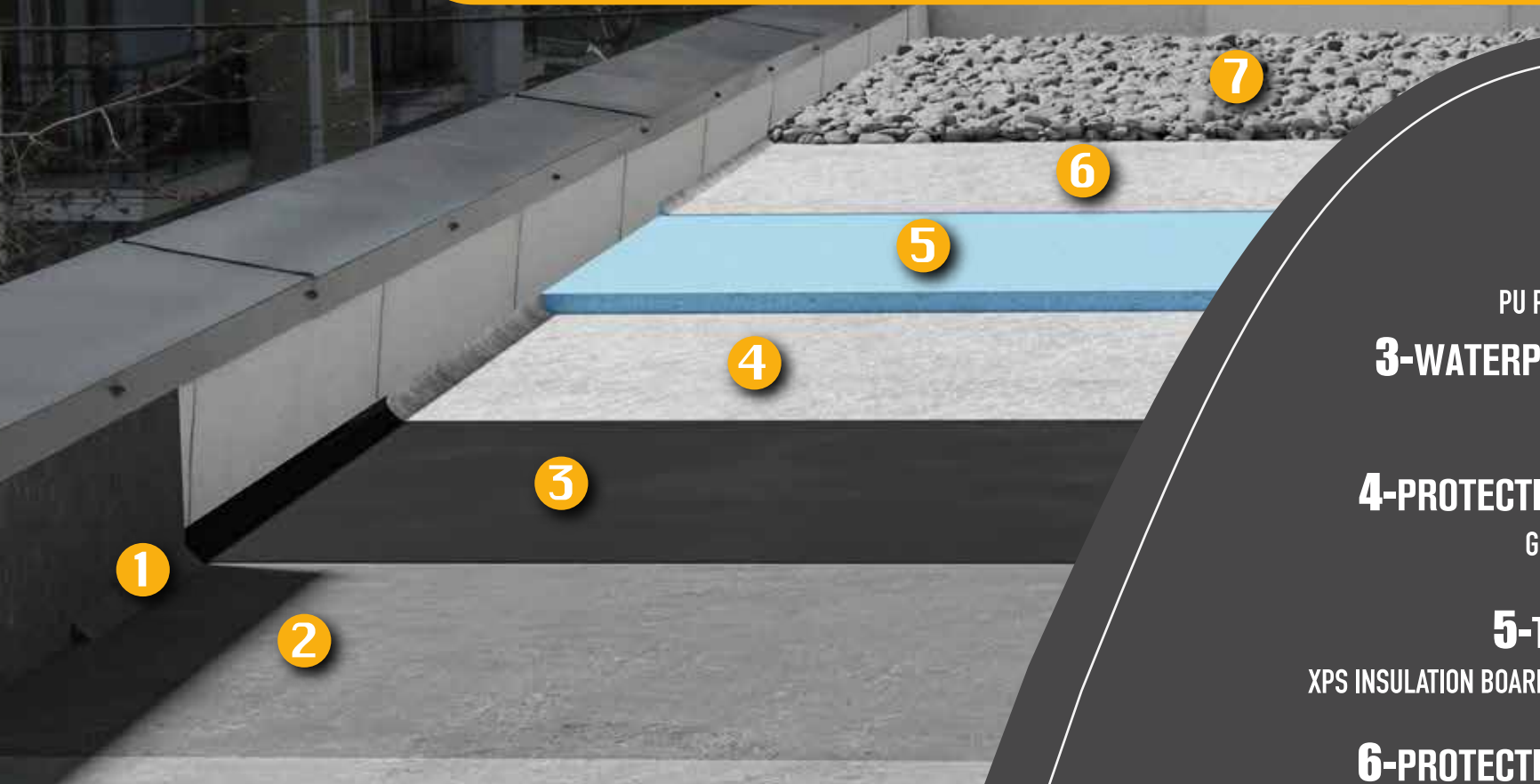
7-PROTECTION LAYER

SLOPED PROTECTIVE SCREED

The HYPERPROOF® System is a waterproofing solution that enhances building energy efficiency while protecting Walkable terrace roofs. By combining thermal insulation with waterproofing, the system helps create comfortable and sustainable living spaces.



Insulated Walkable Terrace Roof Waterproofing System (Gravel Finish) Using the HYPERPROOF® System 5.2



1-CANT STRIP / DETAIL REPAIR

CLV REPAIR/EPOXY REPAIR

2-PRIMER

PU PRIMER 200 / EPOXY PRIMER WB

3-WATERPROOFING MEMBRANE

400 BT-2K/COLD POLYUREA

4-PROTECTION WITH GEOTEXTILE

GEOTEXTILE FLEECE (45–55 g/m²)

5-THERMAL INSULATION

XPS INSULATION BOARDS (As per project specification)

6-PROTECTION WITH GEOTEXTILE

GEOTEXTILE FLEECE (45–55 g/m²)

7-PROTECTIVE BALLAST LAYER

GRAVEL FINISH



HYPERPROOF® is a waterproofing solution that enhances building energy efficiency while protecting Walkable terrace roofs. By combining thermal insulation with waterproofing, the system contributes to the creation of comfortable and energy-efficient living spaces.

5.3 Walkable Terrace Roof Thermal & Waterproofing System with Tile Finish – with the HYPERPROOF® System

1-PRIMER

PU PRIMER 200 / EPOXY PRIMER WB

2-SEALING (DETAILING)

CLEVERSEAL PU 35

3-WATERPROOFING MEMBRANE

PU 110/PU 120/COLD POLYUREA

4-THERMAL INSULATION

XPS INSULATION BOARDS (As per project specification)

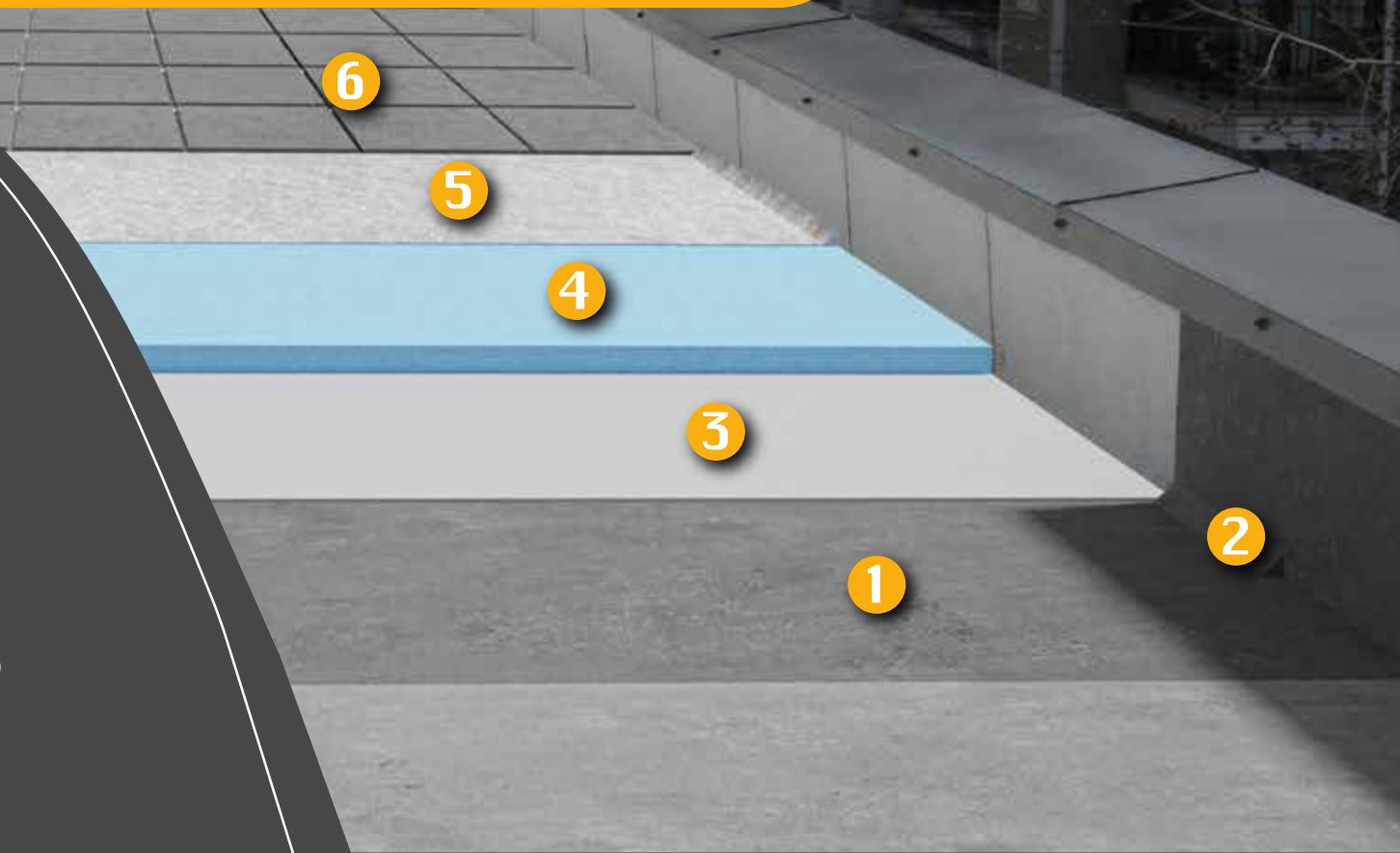
5-PROTECTION WITH GEOTEXTILE

GEOTEXTILE FLEECE (45–55 g/m²)

6-PROTECTIVE FINISH

TILE COVERING

The HYPERPROOF® System is a waterproofing solution that enhances building energy efficiency while protecting Walkable terrace roofs. By integrating thermal insulation with waterproofing, the system helps create comfortable and sustainable living environments.



Non-Trafficable Terrace Roofs with Aged Bitumen Membranes Using the HYPERPROOF® 06 System



1-BITUMEN MEMBRANE SURFACE REPAIRS

400 BT -1K / 400 BT -1K Rapid

2-PRIMER

PU UNIVERSAL PRIMER

3-WATERPROOFING MEMBRANE (1st coat)

PU 110 / PU 120

4-PROTECTION WITH GEOTEXTILE

GEOTEXTILE FLEECE (45–55 g/m²)

5-WATERPROOFING MEMBRANE (2nd coat)

PU 110 / PU 120

6-ALIPHATIC TOPCOAT

PU 650 TC -1K



THE HYPERPROOF® System offers a unique waterproofing solution by restoring structurally sound but deformed bitumen membranes, eliminating the need for their removal.

07 Potable Water Tank Waterproofing with the HYPERPROOF® System

1-PRIMER

EPOXY PRIMER WB

2-SEALING (DETAILING)

CLEVERSEAL PU 35

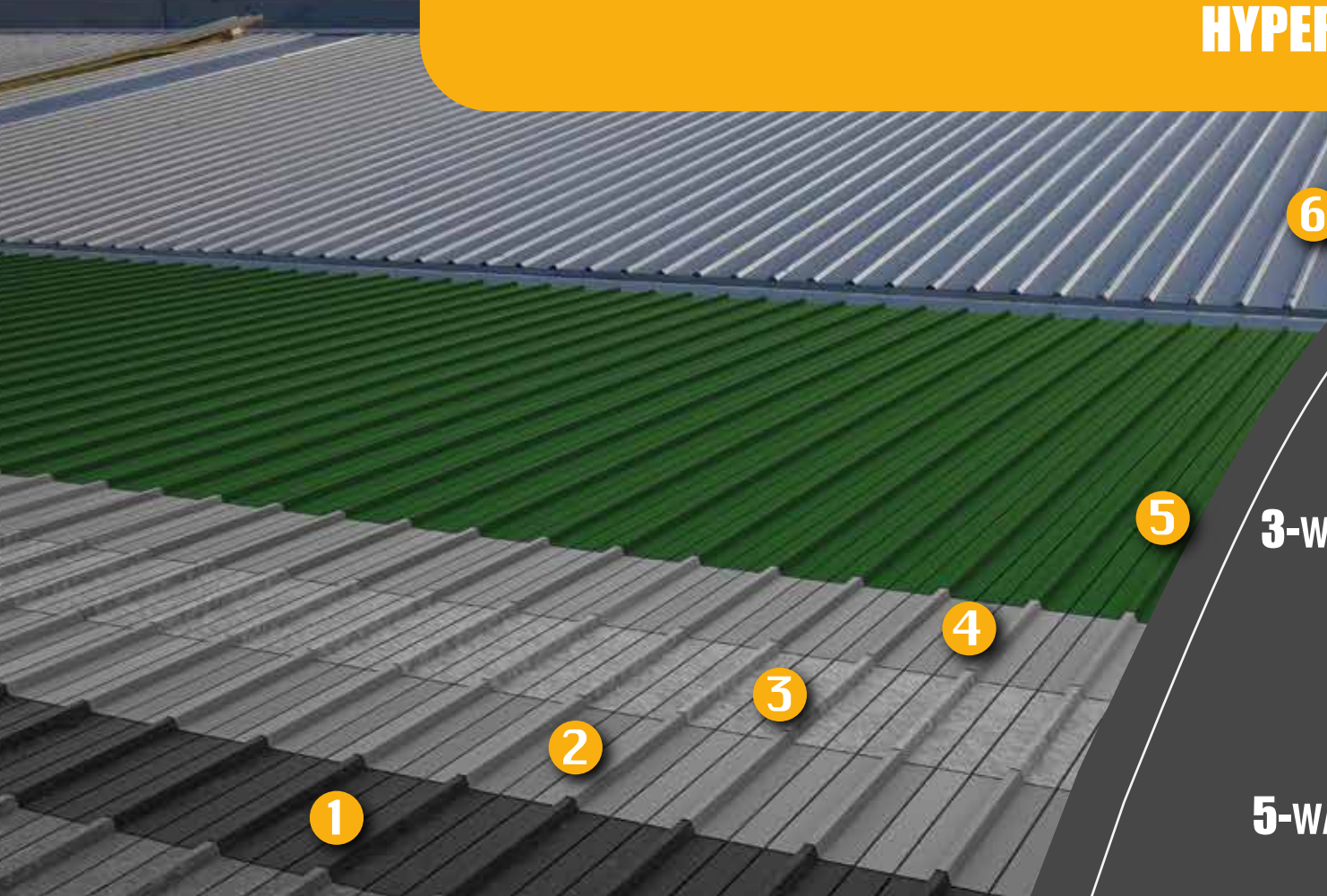
3-WATERPROOFING MEMBRANE

2 KW-PU

The HYPERPROOF® Potable Water Tank Waterproofing System is a unique, two-component thixotropic liquid polyurethane material. Certified for use with drinking water, these products provide excellent sealing and chemical resistance, ensuring a safe and reliable waterproofing solution.



Exposed Metal Roof Waterproofing with the HYPERPROOF® System 08



1-PRIMER

PU PRIMER 200

2-SEALING (DETAILING)

CLEVERSEAL PU 35

3-WATERPROOFING MEMBRANE (1st coat)

PU 110/PU 120

4-REINFORCEMENT WITH GEOTEXTILE

GEOTEXTILE FLEECE (45–55 g/m²)

5-WATERPROOFING MEMBRANE (2nd coat)

PU 110/PU 120

6-ALIPHATIC TOPCOAT

PU 650 TC -1K



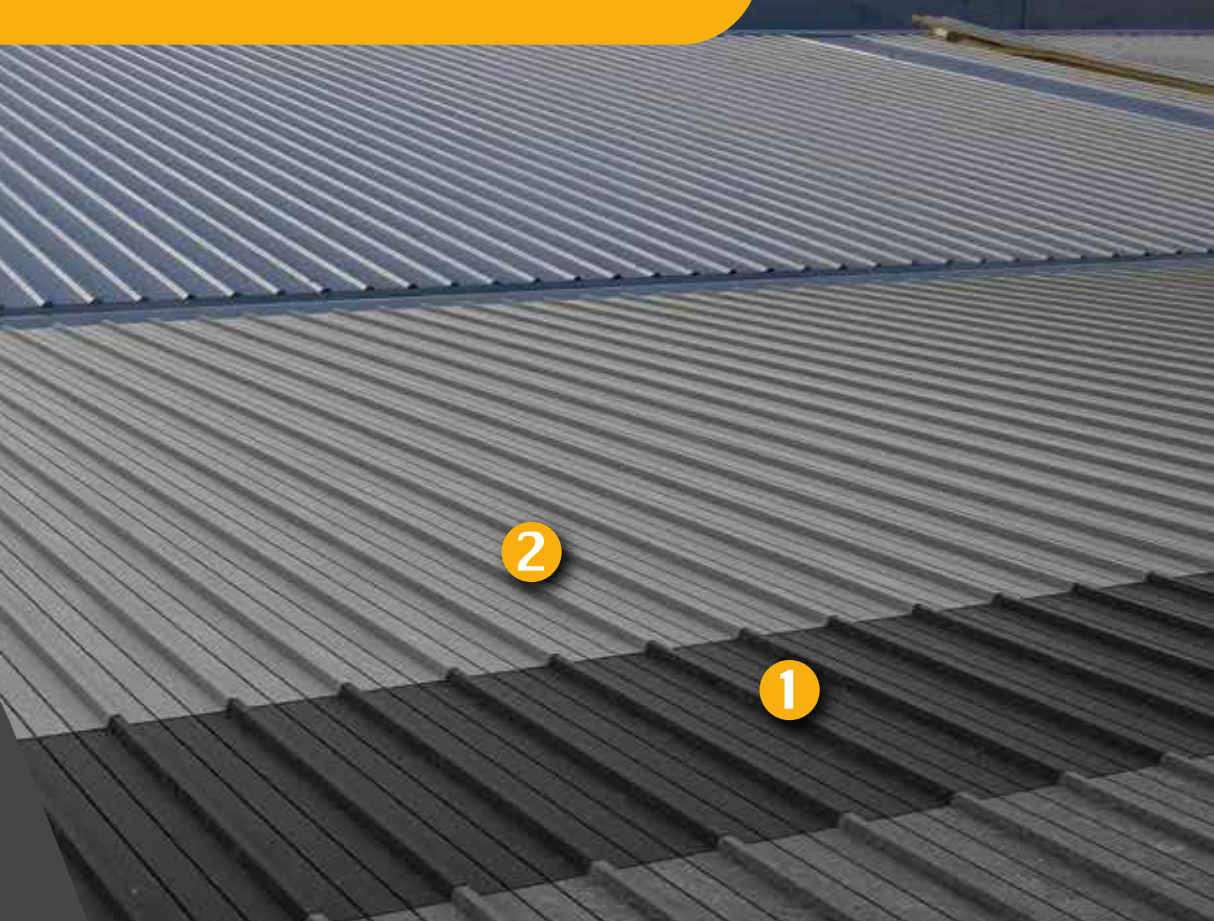
Harsh weather conditions can significantly reduce the lifespan of metal roof coverings, often leading to corrosion and severe damage that causes water leakage. With the HYPERPROOF® System, exposed metal roof surfaces are protected for many years, ensuring long-term durability and performance..

8.1 Eco-Friendly Metal Roof Waterproofing with the HYPERPROOF® System

1-PRIMER
PU PRIMER 200

2-WATERPROOFING MEMBRANE
AQUA HYBRID

Harsh climate conditions can significantly reduce the lifespan of metal roof coverings, leading to corrosion and serious damage that results in water leakage. With the HYPERPROOF® System, metal roofs are sustainably protected for many years without causing harm to the environment.



Green Roof Waterproofing with the HYPERPROOF® System 09



1-PRIMER

PU PRIMER 200 / EPOXY PRIMER WB

2-WATERPROOFING MEMBRANE

400 BT-2K

3-PROTECTION WITH GEOTEXTILE

GEOTEXTILE FLEECE (45–55 g/m²)

4-DRAINAGE LAYER

DRAINAGE BOARD / DRAINAGE SHEET



Our bitumen-modified polyurethane products, such as HYPERPROOF® - 400 BT 2K, deliver exceptional performance with 2,000% elongation and high root resistance. In addition to superior protection, they also contribute to the aesthetic enhancement of buildings through green roof applications.

HYPERPROOF® Waterproofing Systems by CLEVER POLYMERS

Sustainable and Durable Waterproofing Solutions for the Construction Industry

The need for sustainable and durable solutions in the construction industry is growing rapidly. Waterproofing plays a critical role in protecting buildings, enhancing durability, and ensuring energy efficiency. Ease of application, long life cycle, and high performance are the core features of an ideal waterproofing system. At CLEVER POLYMERS, we lead the way in waterproofing with an innovative and forward-thinking approach. Under our HYPERPROOF® SYSTEM umbrella, we offer a wide range of advanced liquid-applied waterproofing products based on polyurethane, bitumen, hybrid, polyurea, and silicone technologies — all manufactured using cutting-edge polymerization methods. We provide comprehensive systems designed for all surfaces and conditions, including primers, waterproof membranes, and topcoats that ensure effective detailing in even the most complex projects.

Driven by our motto, "Smart Waterproofing. Smart Investing," we understand how critical the right material selection is for the long-term success of any waterproofing application. That's why we deliver tailored technical support and solutions for all types of needs — from small rooftops to large-scale infrastructure projects. With a strong focus on sustainability and longevity, we are committed to building better, more durable structures and actively contribute to the development and improvement of industry standards.



10 Foundation and Basement Wall Waterproofing with the HYPERPROOF® System

1-PRIMER

PU PRIMER 200 / EPOXY PRIMER WB

2-WATERPROOFING MEMBRANE

400 BT-1K RAPID / 400 BT-2K

3-DRAINAGE LAYER

DRAINAGE BOARD



Foundation, basement, and retaining wall waterproofing is a critical and essential first step in any construction project. CLEVER POLYMERS offers high-performance waterproofing solutions that provide outstanding concrete protection for tunnels, foundations, basements, and retaining walls. Our certified HYPERPROOF® systems including 400 BT-1K, 400 BT-2K, and 400 BT-1K Rapid, all bitumen-enhanced deliver long-term durability and protection under challenging below-grade conditions.



Wet Areas Waterproofing Solutions with the **HYPERPROOF[®]** System **1 1**

1-PRIMER

PU PRIMER 200

2-SEALING (DETAILING)

CLEVERSEAL PU 35

3-WATERPROOFING MEMBRANE

PU 130

4-PU ADHESIVE

PU 150 / ADHESIVE

The polyurethane-based wet area waterproofing products of the HYPERPROOF[®] System offer easy application, strong adhesion, and excellent crack-bridging capabilities. They provide long-lasting protection with high resistance to both positive and negative water pressure.



12 Under-Tile Waterproofing for Balconies with the HYPERPROOF® System

1-PRIMER

PU PRIMER 200 / EPOXY PRIMER WB

2-SEALING (DETAILING)

CLEVERSEAL PU 35

3-WATERPROOFING MEMBRANE

PU 130

4-TILE ADHESIVE LAYER

Pu 150 / ADHESIVE



The polyurethane-based waterproofing products of the HYPERPROOF® System provide easy application, strong adhesion, and crack-bridging capability for balcony applications. They offer high resistance to both positive and negative water pressure, ensuring long-lasting protection.



Stadium Grandstand Waterproofing with the HYPERPROOF® System 13



1-PRIMER

PU PRIMER 200 / EPOXY PRIMER WB

2-SEALING (DETAILING)

CLEVERSEAL PU 35

3-WATERPROOFING MEMBRANE(1st coat)

PU 110/PU 120/PU 140

4-WATERPROOFING MEMBRANE (2nd coat)

PU 110/PU 120/PU 140

5-ALIPHATIC TOPCOAT

PU 650 TC -1K

6-TRAFFIC MARKINGS / LINE STRIPING

PU 650 TC -1K

Stadiums are structures exposed to intense pedestrian traffic and heavy loads. To prevent damage to the structural integrity of concrete, the grandstand areas must be protected with advanced waterproofing solutions provided by the HYPERPROOF® System.



14 Bridge and Viaduct Deck Waterproofing with the HYPERPROOF® System

1-PRIMER

PU PRIMER 200 / EPOXY PRIMER WB

2-SEALING (DETAILING)

CLEVERSEAL PU 35

3-WATERPROOFING MEMBRANE

PU SMART FLEX

PU SMART FLEX is a single-component, cold-applied polyurethane waterproofing membrane, internationally certified and specifically designed for bridge and viaduct deck waterproofing. It offers excellent resistance to thermal shocks, high temperatures up to 225 °C, and salt exposure, making it a safe and reliable solution for demanding infrastructure applications.



Our Global Market Coverage:



North America

Canada
United States of America

Europe

Italy
United Kingdom
France
Spain
Poland
Belgium
Netherlands
Bulgaria
Czech Republic

Africa

Libya
Tunisia
Morocco
Egypt
South Africa
Nigeria

Asia

Azerbaijan
Russia
Kazakhstan
Uzbekistan
Georgia
India

Latin America

Peru
Guatemala
Puerto Rico
Mexico

Middle East

United Arab Emirates
Qatar
Saudi Arabia
Oman
Iraq

Asia-Pacific

Vietnam
Philippines
Australia





POLYURETHANE WATERPROOFING

Packaging

PU 110 PLUS	Single-component, UV-resistant, low-viscosity polyurethane-based liquid waterproofing material	25 KG
PU 110	Single-component, UV-resistant polyurethane-based liquid waterproofing material	25 KG
PU 120	Single-component polyurethane-based liquid waterproofing material	25 KG
PU 100	Fast-curing, single-component polyurethane waterproofing material	25 KG
PU 140	Single-component, low-solvent, thixotropic polyurethane-based liquid waterproofing material	25 KG
PU 130	Single-component polyurethane waterproofing for wet and enclosed areas	25 KG
PU SMART FLEX	Single-component, high chemical-resistant polyurethane waterproofing membrane	25 KG
2 KW PU	Two-component, solvent-free polyurethane waterproofing for potable water tanks	20 KG + 4 KG
TRANS ALM	Single-component, UV-resistant, transparent polyurethane waterproofing membrane	4 LT
DETAIL	Thixotropic, fiber-reinforced polyurethane waterproofing for roof detailing	5 KG

BITUMEN-POLYURETHANE WATERPROOFING

Packaging

400 BT-2K	Two-component polyurethane-bitumen based liquid waterproofing membrane	20 LT + 20 LT
400 BT-1K	Single-component polyurethane-bitumen waterproofing, ideal for detailing and joints	20 KG
400 BT-1K RAPID	Single-component, elastic, fast-curing polyurethane-bitumen waterproofing membrane	25 KG

ECO-FRIENDLY WATERPROOFING

Packaging

AQUA HYBRID	Single-component, UV-resistant, low-viscosity polyurethane-based liquid waterproofing	25 KG
AQUA PROOF PB	Single-component, UV-resistant polyurethane-based waterproofing membrane	25 KG
PU 650 2K AQUA	Single-component polyurethane-based liquid waterproofing material	25 KG
AQUATECT	Fast-curing, single-component polyurethane waterproofing membrane	25 KG

POLYUREA WATERPROOFING

Packaging

COLD POLYUREA	Two-component, cold-applied, fast-curing polyurea waterproofing material	25 KG+ 1,5 KG
CLEVERSEAL 800	Two-component, solvent-free polyurethane-based waterproofing applied via special spray equipment	A-210 KG B-220 KG
CLEVERSEAL 811	Hybrid polyurea-based, two-component waterproofing applied via special spray equipment	A-210 KG B-220 KG
CLEVERSEAL 820	100% solid, elastic, two-component pure polyurea waterproofing applied via high-pressure spray equipment	A-200 KG B-220 KG

BITUMINOUS WATERPROOFING

Packaging

BITÜM 2K PLUS	Two-component, bitumen-rubber-cement based, high elasticity waterproofing membrane	22 KG+8 KG
BITÜM 2K	Two-component, bitumen-rubber-cement based waterproofing membrane	22 KG+8 KG

SEALANTS

Packaging

CLEVERSEAL PU 35	Single-component polyurethane-based sealant	600 CC /Pieces
CLEVERSEAL PU 2K	Two-component, polyurethane-based liquid sealant for horizontal expansion joints	A-8 KG+B-4 KG

POLYURETHANE INJECTION SYSTEMS

Packaging

PU INJECTION	Single-component polyurethane-based injection waterproofing system	25 LT+2,5 LT
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POLYURETHANE PRIMERS

Packaging

PU PRIMER 200	Single-component polyurethane-based primer for concrete surfaces	20 LT
PU 300	Moisture-curing polyurethane-based protective coating and waterproofing primer	20 LT
PU UNIVERSAL	Two-component solvent-free polyurethane transition primer	8 KG + 12 KG
PRIMER T	Single-component transparent, glossy polyurethane primer for ceramic, glazed, or shiny surfaces	4 LT
PVC PRIMER	Fast-drying primer for bonding to old and new PVC membranes	4 LT

EPOXY PRIMER**Packaging**

EPOXY PRIMER WB	Two-component water-based epoxy primer material	A-5 KG B- 15 KG
EPOXY PRIMER 617	Two-component solvent-free epoxy primer material	A-14,47 KG B- 6,5 KG
EPOXY PRIMER 625	Two-component epoxy primer for damp and wet surfaces	A-10 KG B- 7,59 KG

INDUSTRIAL FLOOR COATINGS**Packaging**

PU 640 TC- 1K	Single-component aliphatic polyurethane-based topcoat material	20 LT
PU 600 TC- 1K	Single-component elastic polyurethane-based aliphatic topcoat material	20 LT
PU 650 TC- 1K	Single-component elastic, non-yellowing, colored polyurethane-based topcoat material	20 KG
PUR FLEX	Two-component self-leveling, flexible polyurethane floor coating	A-15,5 KG B- 4,5 KG
PU 150	Two-component adhesive for parquet and turf bonding	20,4 KG+2,6 KG
PU 500	Single-component rubber binder material	200 KG

AUXILIARY PRODUCTS**Packaging**

EPOXY REPAIR	Two-component, solvent-free, chemically reactive epoxy repair and anchorage mortar.	3,75 KG+1,25 KG
PU ACC CATALYST	Fast-curing additive material	1 KG

CEMENTITIOUS MATERIALS**Packaging**

CLV FLEX 100	Cement and acrylic-based, two-component, fully elastic waterproofing material	20 KG + 10 KG
CLV REPAIR	Polymer and fiber-reinforced repair mortar	25 KG
CLV FLEX 50	Cement and acrylic-based, two-component, semi-elastic waterproofing material	20 KG+5 KG

PRIMER TABLE

THE IMPORTANCE OF SELECTING THE RIGHT PRIMER

For a healthy and effective waterproofing application, key components include proper planning, detailed solutions, and selecting the right product and primer. After checking weather conditions and completing surface preparation, you can begin the installation of waterproofing systems by choosing the appropriate primer. Clever Polymers' primer range offers unique properties for different substrates. These primers reinforce, stabilize, and seal the surface, ensuring excellent adhesion with polyurethane-based liquid waterproofing systems. As a result, they secure the success of your waterproofing application on all types of surfaces.

Surface / Condition	Concrete	Humid Concrete	Plaster	Metal Surface	Porous Ceramic Tiles	Glossy Glass tiles	PVC Membrane	EPDM Membrane (Rough)	Bitumen Membrane	Application at Low Temperatures	Vapor Barrier	Moisture Barrier
POLYURETHANE PRIMERS												
PU PRIMER 200	x	x	x	x	x			x				
PU 300	x		x	x	x					x		
PU UNIVERSAL	x	x							x	x		
PRIMER T						x						
PVC PRIMER							x					
EPOXY PRIMERS												
EPOXY PRIMER WB	x	x	x								x	x
EPOXY PRIMER 617	x		x		x							
EPOXY PRIMER 625	x	x	x	x	x					x	x	x

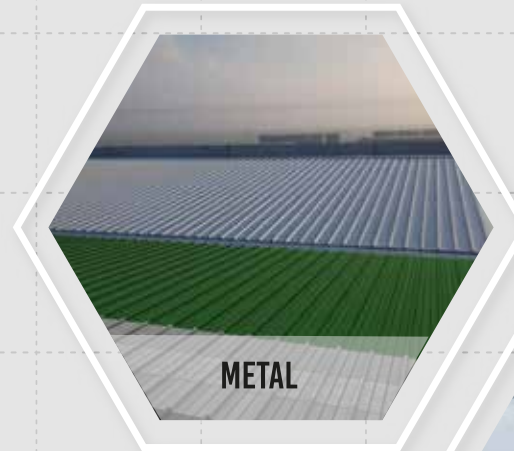
Liquid Polyurethane Waterproofing Systems: Types & Key Advantages

HYPERPROOF[®] Waterproofing Systems by CLEVER POLYMERS

CLEVER POLYMERS' HYPERPROOF[®] waterproofing systems are designed to deliver high performance and durability under all environmental conditions. As a pioneer in liquid-applied polyurethane waterproofing materials, CLEVER POLYMERS offers reliable solutions even for challenging applications such as complex detailing. Our product range includes: One- and two-component polyurethane systems.

Bitumen-reinforced polyurethane membranes, Hybrid water-based waterproofing products,

Advanced polyurethane dispersion (PUD) technologies. These systems are engineered to withstand: UV exposure, Chemical attack, Abrasion, Harsh weather conditions, Prolonged water ponding. At CLEVER POLYMERS, our primary goal is to develop easy-to-apply, cost-effective, long-lasting waterproofing systems that represent a smart investment. Each solution is designed to meet user needs efficiently and effectively — from standard applications to demanding project requirements.



METAL



CONCRETE



CERAMIC

PU 110 PLUS



DESCRIPTION

PU 110 PLUS is a single-component, low-viscosity, polyurethane-based liquid waterproofing material. When cured in contact with air, it forms a durable and elastic film layer. Due to its low viscosity, PU 110 PLUS is suitable for spray application.

FEATURES

It is resistant to continuous water exposure. It retains its mechanical properties within a temperature range of -40°C to $+80^{\circ}\text{C}$. It is also effective against water vapor permeability. Since it allows the surface to breathe, it prevents layer detachment and moisture accumulation.

Even if the material is damaged, PU 110 PLUS can be quickly and easily repaired. It adheres excellently to the surface.

It has excellent UV resistance and superior chemical resistance. Its white color reflects solar energy and prevents excessive surface heating, thus reducing the thermal stress on the structure. It offers excellent mechanical properties, including elongation and tensile strength. Once fully cured, it does not contain any toxic substances.

PU 110



DESCRIPTION

PU 110 is a single-component, easy-to-apply polyurethane-based liquid waterproofing membrane. It cures with atmospheric moisture, forming an elastic and durable film layer.

FEATURES

Certified with ETAG 005, W3 classification

Applied by brush, roller, or spray without causing pinholes or blistering

Excellent adhesion and elasticity

Continuous water resistance

Retains properties between -30°C and $+90^{\circ}\text{C}$

Excellent vapor permeability

UV and chemical resistance

PU 120



DESCRIPTION

PU 120 is a single-component polyurethane-based liquid waterproofing material. It cures with moisture from the air, forming an elastic and durable membrane.

FEATURES

Easy application with brush, roller, or spray
No pinholes or blistering during application
Continuous water resistance

Retains properties between -30°C and $+90^{\circ}\text{C}$

Breathable, prevents moisture build-up

UV resistant

PU 100



DESCRIPTION

PU 100 is a single-component, fast-curing polyurethane waterproofing membrane. It cures with ambient moisture to form an elastic, thick, and durable film layer.

FEATURES

Fast curing (approx. 2 hours)

Forms a bubble-free, uniform membrane

Single-coat application

Easy to apply by brush, roller, or airless spray

No pinholes or blistering during application

Continuous water resistance

Maintains mechanical properties between

-40°C and $+90^{\circ}\text{C}$

PU 140



DESCRIPTION

PU 140 is a single-component, polyurethane-based, thixotropic liquid waterproofing membrane. It cures with atmospheric moisture and forms a strong, elastic film that adheres well to the surface.

FEATURES

- Easy vertical surface application
- Thixotropic structure
- Can be easily applied with roller, brush, or airless spray
- Being low-in-solvent, it is ideal for indoor use
- Retains mechanical properties between -40 °C and +60°C
- Excellent adhesion and elasticity
- Non-toxic after full cure
- Breathable; prevents moisture accumulation under the membrane

PU 130



DESCRIPTION

PU 130 is a single-component, polyurethane-based, economical liquid waterproofing material. It cures with moisture to form a durable, elastic film and is easy to apply.

FEATURES

- PU 130 is a single-component, polyurethane-based, economical liquid waterproofing material. It cures with moisture to form a durable, elastic film and is easy to apply. Cost-effective and high performance. Easy to apply by brush, roller, or spray.
- Forms a seamless membrane with no pinholes or blistering
- Resistant to continuous water contact
- Retains mechanical properties between -40 °C and +60°C
- Breathable and vapor-permeable
- UV resistant

PU SMART FLEX



DESCRIPTION

PU SMART FLEX is a single-component, polyurethane/polyurea-based, cold-applied liquid waterproofing membrane developed for platforms like bridges requiring extreme durability and crack-bridging at low temperatures.

FEATURES

- Excellent crack-bridging capability
- Easy application with brush, roller, or spray
- Requires no additional adhesion primer
- Excellent thermal shock resistance
- Hydrophobic
- High chemical and mechanical resistance
- Resistant to machine oil, gasoline, and other industrial chemicals

2 KW PU



DESCRIPTION

2 KW PU is a two-component, solvent-free, polyurethane-based waterproofing material designed for potable water tanks.

FEATURES

- Certified for potable water applications
- Solvent-free
- Excellent thermal resistance: -40 °C to +90°C
- High adhesion performance
- Suitable for enclosed areas
- Chemically resistant
- Cost-effective and ideal for water tank applications
- Thixotropic structure

TRANS ALM



DESCRIPTION

TRANS ALM is a transparent, UV-resistant, aliphatic polyurethane-based, single-component liquid waterproofing and protective membrane. It cures with atmospheric moisture and forms a seamless, durable, and elastic film on the surface.

FEATURES

- Excellent mechanical properties
- High UV resistance
- Performs well under poor weather conditions
- Easy application (roller or airless spray) Since it is pure polyurethane, it can be in constant contact with water.
- Retains properties from -40 °C to +80 °C
- Resistant to alkali and chemicals; does not foam in thick layers

DETAIL



DESCRIPTION

DETAIL is a single-component polyurethane-based liquid waterproofing product. It contains special fibers and thixotropic additives for vertical and detailed surface applications. Cures with air moisture and is easy to apply.

FEATURES

- Fast curing
- Thixotropic (non-sagging, ideal for vertical surfaces)
- Easy application by brush or roller
- Crack bridging and gap-filling properties
- Retains mechanical strength at -40 °C to +80 °C
- Excellent resistance to UV and atmospheric factors
- Superior chemical resistance

400 BT-2K



DESCRIPTION

400 BT-2K is a two-component, polyurethane-bitumen based liquid waterproofing membrane. It forms a highly elastic, durable, bitum reinforced membrane film with 2000% elongation.

FEATURES

- Easy application
- Seamless waterproofing with crack bridging
- Bitumen-resistant and highly elastic
- Certified according to ETAG 005 for W3 class
- Retains mechanical strength from -40 °C to +90 °C
- UV and chemical resistance
- Elastic, long-lasting and highly adhesive. It can also be used as a joint material.
- It has an elastomeric, hydrophobic structure. It possesses excellent mechanical properties, including resistance to elongation, tensile stress, tearing, and abrasion.

400 BT-1K



DESCRIPTION

400 BT-1K is a single-component, polyurethane-bitumen based thixotropic waterproofing membrane. Cures with moisture to form a strong, seamless, and elastic layer.

FEATURES

- Fast curing (~2 hours)
- Bubble-free, thick application in a single layer
- Easy to apply with brush, roller or spray
- Suitable for flat and sloped surfaces crack bridging
- Durable in contact with water
- Maintains properties between -40 °C and +90 °C

400 BT-1K RAPID



DESCRIPTION

400 BT-1K RAPID is a fast-curing (approx. 2 hours), single-component, bitumen-polyurethane-based waterproofing material. It creates a bubble-free and thick membrane layer with just one application.

FEATURES

It is low-cost and high-performance.
It cures quickly even in low temperatures and humidity.
It is easy to apply.
When applied, it forms a seamless film layer that does not cause joints or leakage.
Its thermal resistance performance ranges from -40°C to $+80^{\circ}\text{C}$.
It maintains its elasticity in cold conditions down to -40°C .
It provides effective permeability resistance to water vapor.
Thanks to its breathable structure, it prevents moisture accumulation beneath the layer.
It has excellent chemical resistance.

BITÜM 2K



DESCRIPTION

BITÜM 2K is a two-component, polymer-modified, bitumen-rubber based waterproofing mortar. It forms a seamless, elastic film layer that resists cracking and provides excellent adhesion. Complies with TS EN 15814+A2.

FEATURES

Easy to apply
Flexible structure bridges substrate cracks
Can be applied on vertical and horizontal surfaces Frost and water resistant
Solvent-free
Forms a thick, seamless protective layer
Applicable in enclosed areas

COLD POLYUREA



DESCRIPTION

COLD POLYUREA is a two-component, fast-curing, cold-applied, sprayable polyurea waterproofing membrane. It forms a highly elastic and seamless film layer. For areas exposed to open air and external factors, PU 650 TC-1K or PU 600 TC-1K should be used as the topcoat.V

FEATURES

It is easy to apply (with brush, roller, or spray). It does not require high-cost application equipment or machinery. When applied, it forms a seamless and single film layer that prevents the possibility of leakage or gaps. It provides an elastomeric and hydrophobic layer.
It is effective against water vapor permeability. Since it has a breathable structure, it does not cause moisture accumulation or delamination.
COLD POLYUREA can be easily repaired even if it is damaged; the damaged area can be quickly and easily fixed. It provides effective resistance to chemicals.
It cures quickly under all weather conditions.
It has thermal resistance performance between -40°C and $+90^{\circ}\text{C}$.

PU 650 TC - 1K



DESCRIPTION

PU 650 TC - 1K is a single-component, UV-resistant, aliphatic polyurethane topcoat. Used as a colored, protective top layer over polyurethane membranes. Its aliphatic structure ensures long-term UV resistance and weather durability.

FEATURES

It is easy to apply (by brush, roller, or spraying).
It is UV resistant.
Thanks to its aliphatic structure, it retains its color when exposed to sunlight; it does not fade, discolor, or yellow.
It provides excellent adhesion and bonding to the surface.
It is resistant to continuous water contact.
It has excellent chemical resistance.
It has excellent mechanical properties, with high resistance to tearing and tensile stress.





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