



WATERPROOFING & PROTECTING SYSTEMS

SAINT-GOBAIN

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SAINT-GOBAIN



Premium liquid-applied systems,
based on high-quality polyurethane resins
for building construction and renovation.
Solutions designed to be easy to apply
by specialists.

Waterproofing



**Roofs,
terraces
and balconies**



**Foundations and
retaining walls**



Car parks

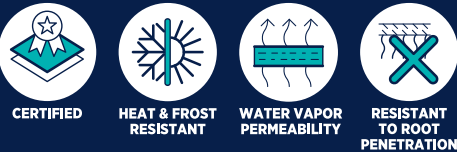
SUSTAINABLE WATERPROOFING SYSTEM FOR FLAT ROOFS AND TERRACES

Green Roof

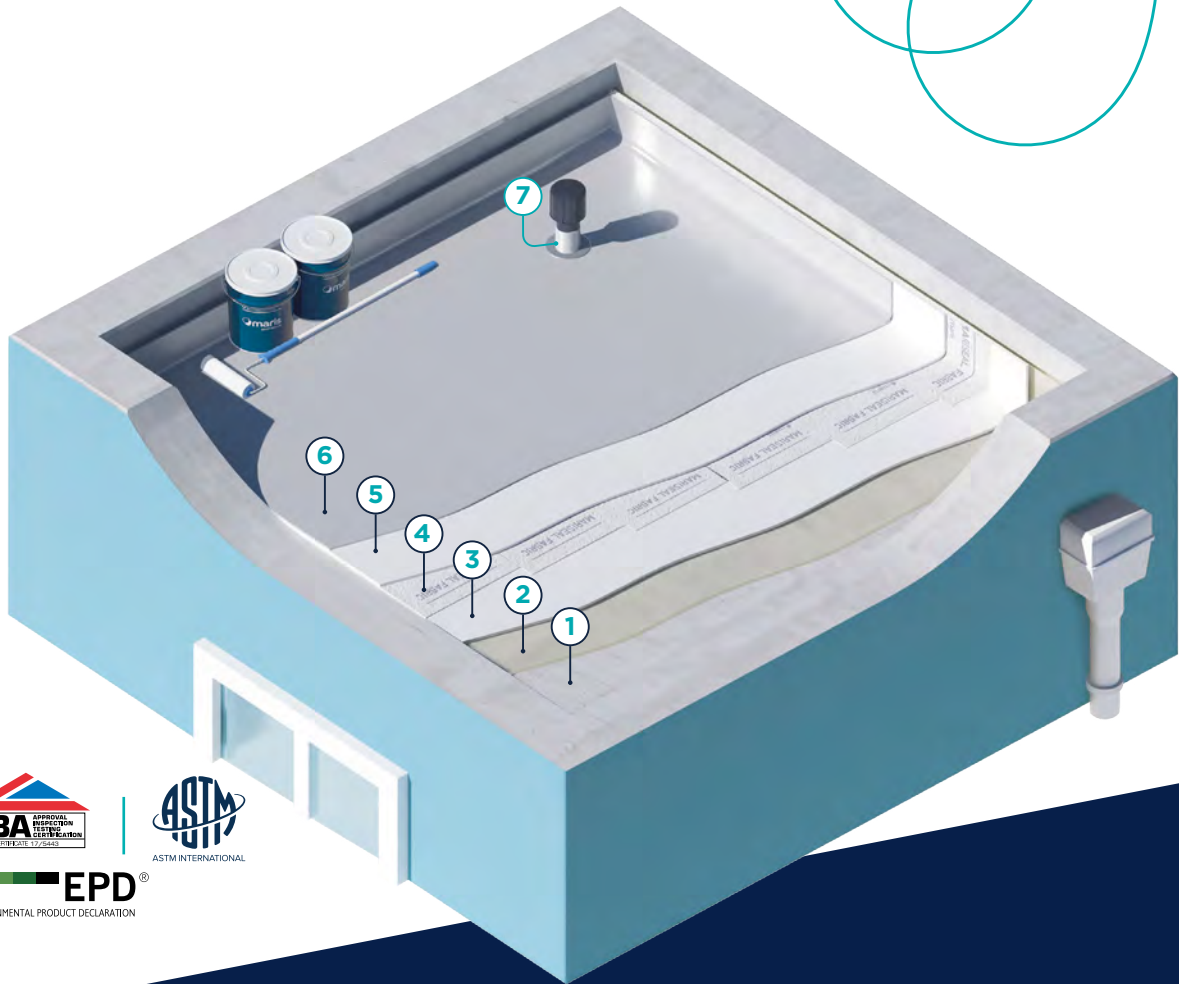


Waterproofing of Green Roofs with Mariseal 250.
Test report with anti-root protection.

- 1 SUBSTRATE
- 2 MARISEAL® PRIMER
- 3 MARISEAL® 250
- 4 MARISEAL® FABRIC 110gr
- 5 MARISEAL® 250
- 6 DRAINAGE MEMBRANE
- 7 GRAVEL and GEOTEXTILE
- 8 SOIL and PLANTS



COMPLETE WATERPROOFING SYSTEM FOR FLAT ROOFS AND TERRACES



Premium, liquid-applied, solvent-based polyurethane waterproofing system,
with excellent mechanical, chemical and UV resistance properties.
Used for the long-lasting waterproofing of roofs, terraces and balconies.
Certified with 25 years of expected working life.

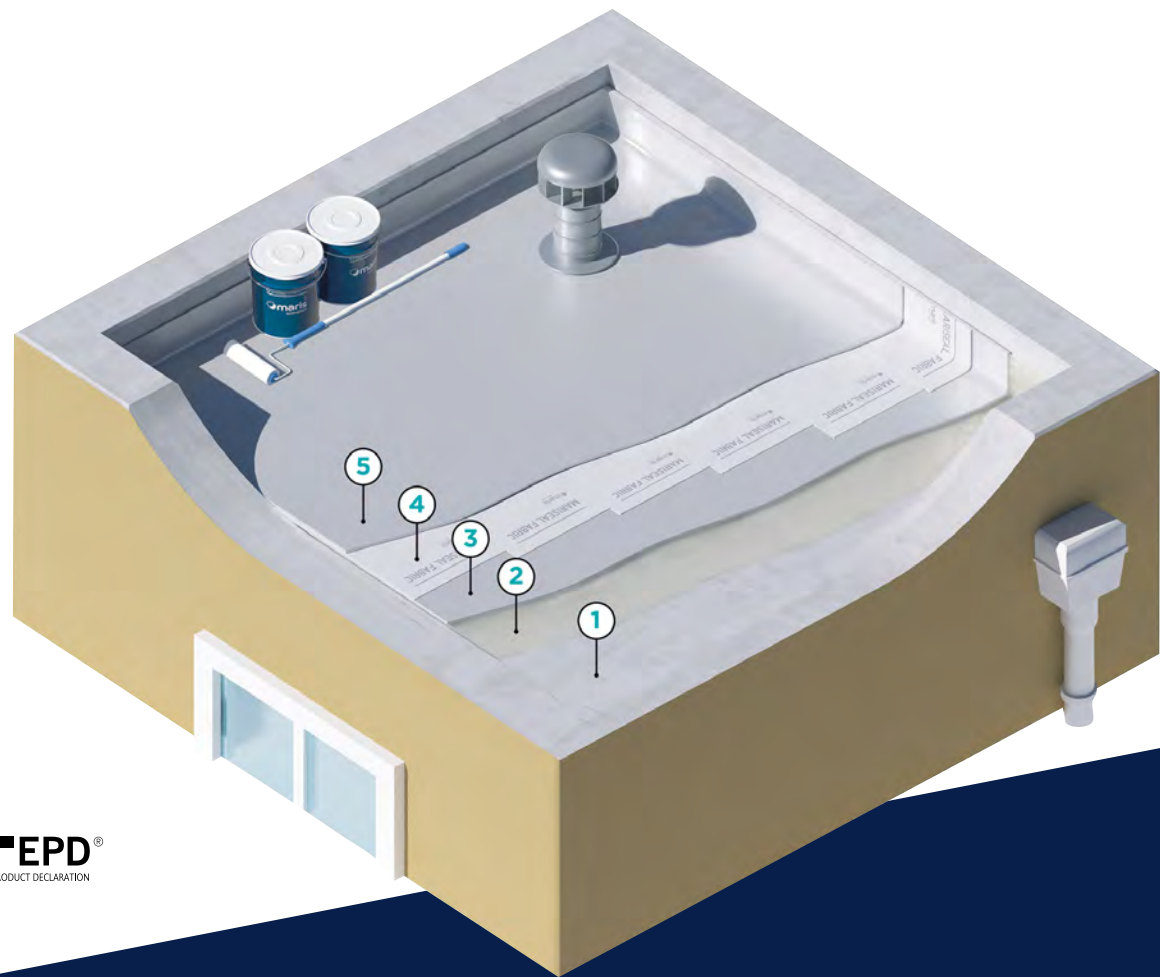
- 1 SUBSTRATE
- 2 MARISEAL® PRIMER
- 3 MARISEAL® 250
- 4 MARISEAL® FABRIC
- 5 MARISEAL® 250
- 6 MARISEAL® 400
- 7 MARISEAL® DETAIL

LEVELS OF USE CATEGORIES ACCORDING TO ETAG 005

Working life	W3
Climatic zone	M and S
Imposed loads	P1 to P4
Roof Slopes	S1 to S4
Lowest surface temperature	TL3-TL4
Highest surface temperature	TH4
Reaction to fire	Class E
Resistant to wind loads	>50 kPa



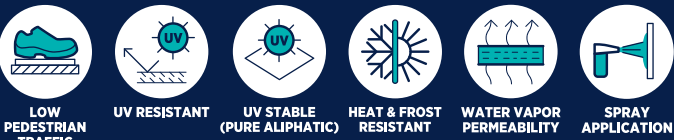
ALL-IN-ONE ALIPHATIC POLYURETHANE WATERPROOFING SOLUTION FOR FASTER APPLICATION AND LOWER TOTAL COST OF INSTALLATION ON FLAT ROOFS



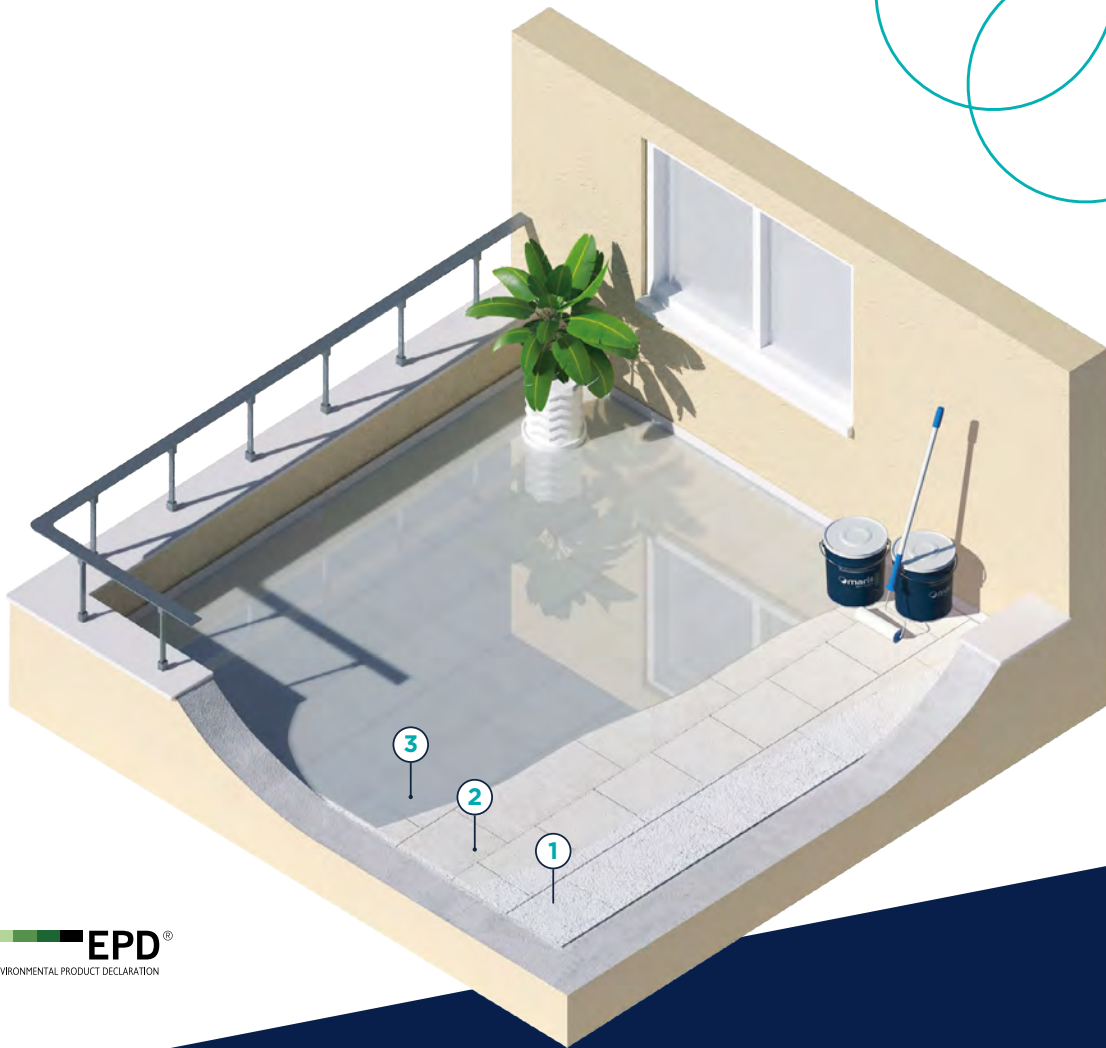
Aliphatic solvent-based polyurethane solution, membrane and top-coat all-in-one, used for the long-lasting waterproofing of roofs.

Excellent UV stability and yellowing resistance, containing a special catalyst that gives fast curing and defect-free membrane, even at thick layers.

- 1 SUBSTRATE
- 2 MARISEAL® PRIMER
- 3 MARISEAL® 460
- 4 MARISEAL® FABRIC (optional)
- 5 MARISEAL® 460



TRANSPARENT WATERPROOFING FOR BALCONIES AND TERRACES



Transparent aliphatic polyurethane waterproofing system for balconies/terraces, ceramic and glass surfaces.

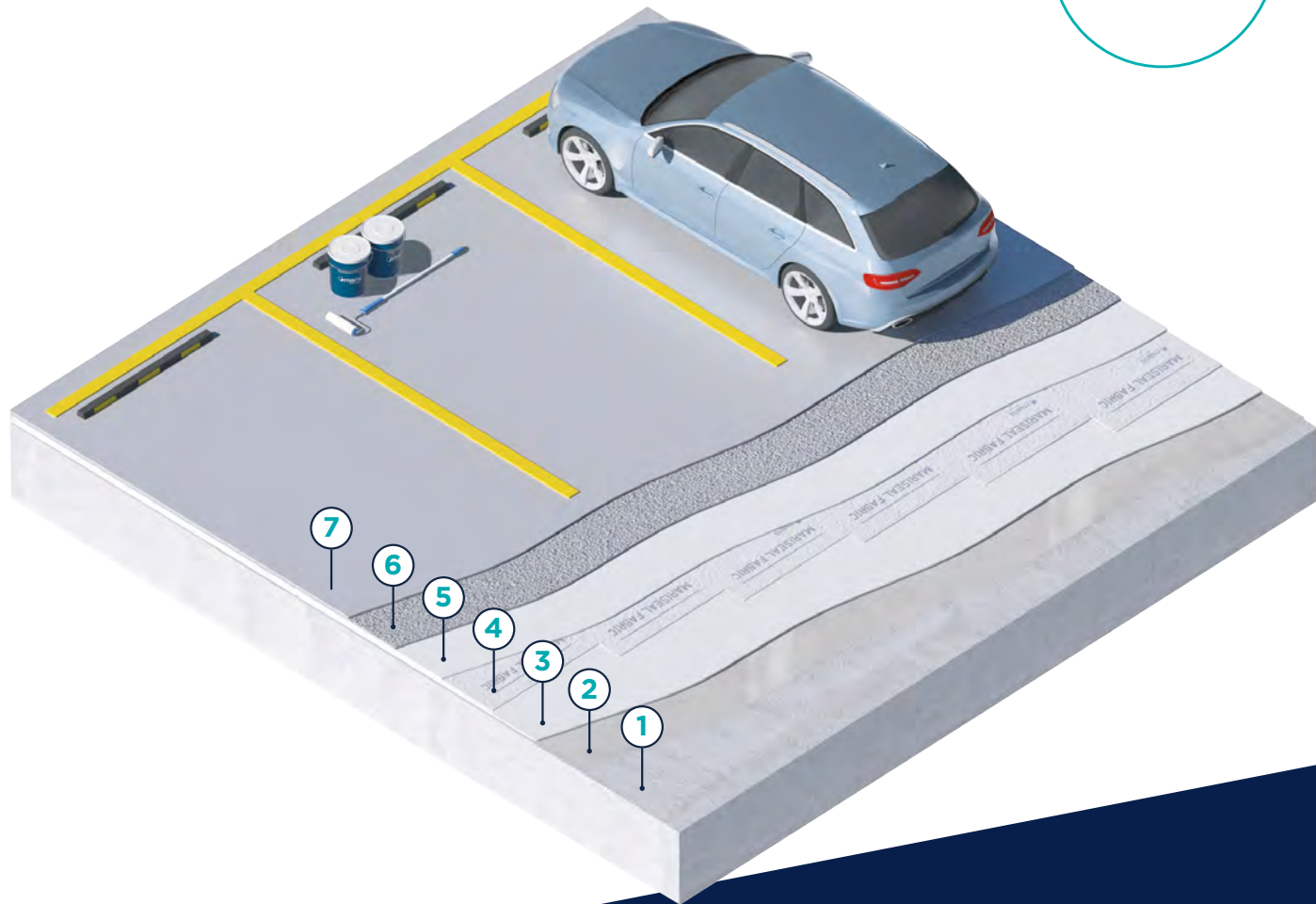
Creates a seamless, transparent, pedestrian traffic resistant membrane, that protects the substrate reliably and on a long term basis.

Also used as a transparent binder resin for sand carpet floor coating applications.

- 1 SUBSTRATE
 - 2 MARITRANS® TILE PRIMER
 - 3 MARITRANS®
- MARITRANS® FINISH**
(optional if matt effect is required)



COMPLETE WATERPROOFING SYSTEM FOR CAR PARKS

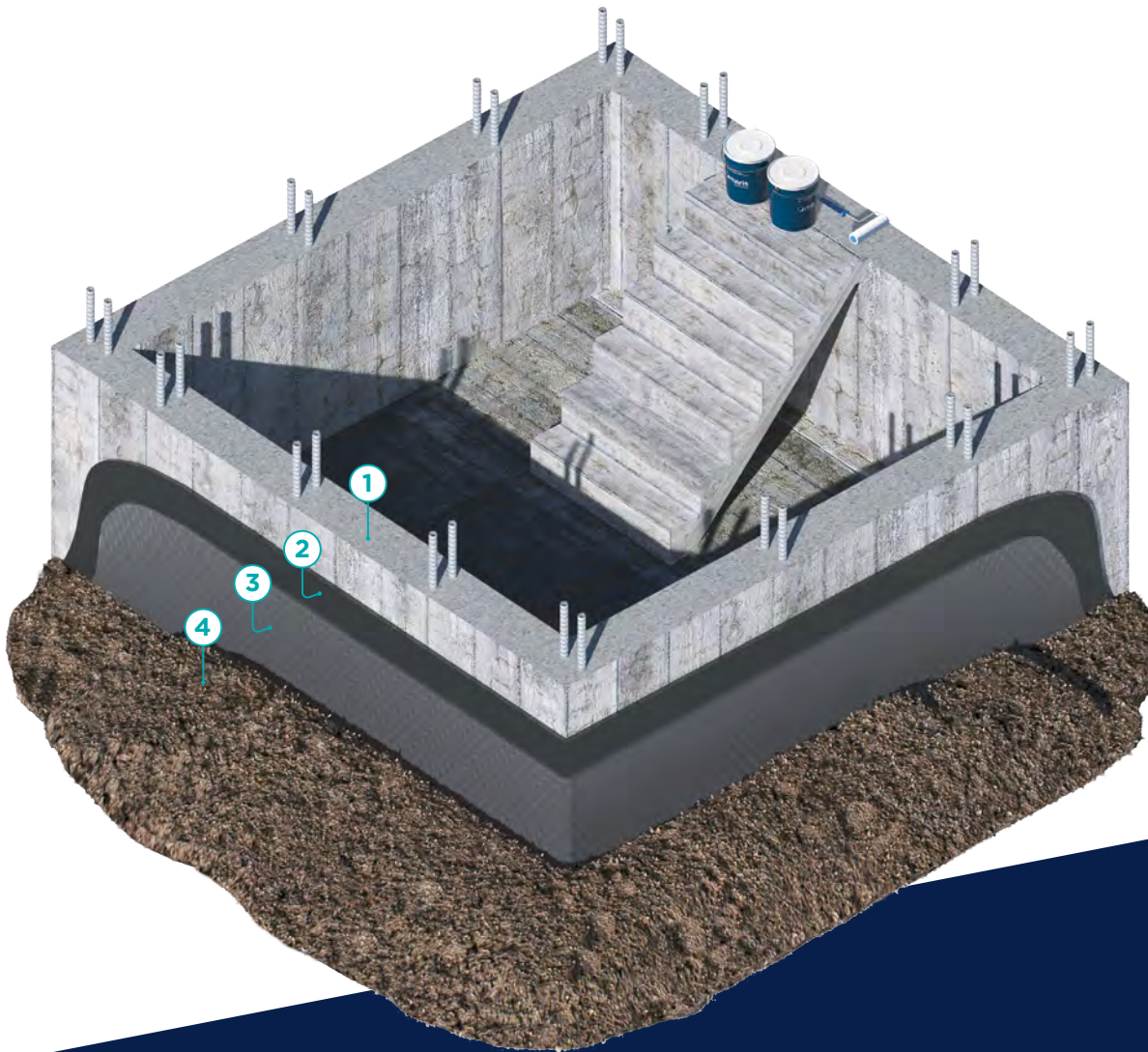


Solvent-based polyurethane waterproofing system, color/UV/weather-stable, subject to high wear and heavy traffic conditions, such as car parks.

- 1 SUBSTRATE
- 2 MARISEAL® PRIMER
- 3 MARISEAL® 250
- 4 MARISEAL® FABRIC 110gr
- 5 MARISEAL® 250
- 6 SILICA SAND
- 7 MARISEAL® 420



COMPLETE WATERPROOFING SYSTEMS FOR FOUNDATIONS & RETAINING WALLS



Liquid-applied, highly permanent elastic, solvent-based polyurethane bitumen-extended membranes, for the long-lasting waterproofing of foundations and retaining walls, with excellent crack-bridging properties.

- 1 SUBSTRATE
- 2 MARISEAL® 670 or MARISEAL® 600
- 3 DRAINAGE MEMBRANE
- 4 SOIL



TABLE OF PRODUCTS

MARISEAL® 250

One-component, permanent elastic, liquid applied, solvent-based polyurethane waterproofing membrane used on roofs, terraces, verandas, green roofs, old bitumen felts, asphalt felts, TPO, PP, EPDM & PVC membranes, old acrylic coatings and for protection of polyurethane foam insulation.

Certified for 25 years expected life span (EOTA) & EN 1504-2, EN 14891.

Consumption: 1,4-2,5 kg/m² applied in two or three layers

MARISEAL® 400

One component, UV-stable, aliphatic, solvent-based polyurethane top coat, prolonging the life span of the waterproofing membrane, with high pedestrian traffic, glossy-stable color and non-chalking finish.

Certified for 25 years expected life span (EOTA) under MARISEAL 250 SYSTEM & EN 13813

Consumption: 0,120-0,250 kg/m² applied in one or two layers

MARISEAL® AQUA PRIMER

Two-component, transparent, water-based epoxy primer. Used in waterproofing, sealing and floor coating applications on absorbent and non-absorbent surfaces.

Certified under EN 1504-2

Consumption: 0,100-0,200 kg/m² in one or two layers

MARISEAL® 710

One-component, solvent-based, quick-drying, deep penetrating, transparent, polyurethane primer. Used on absorbent surfaces.

Certified under EN 1504-2

Consumption: 0,200 kg/m² in one layer

MARISEAL® 460

One-component, liquid-applied, flexible, aliphatic solvent-based polyurethane membrane, used for long-lasting waterproofing of roofs. It offers exceptional UV stability and yellowing resistance. Contains a special catalyst that gives fast curing and defect free membrane, even at thick layers. Resistant to frost.

Certified under EN 1504-2

Consumption: 1,4-2,5kg/m² applied in two or three layers

MARITRANS®

One-component, transparent, hard-elastic, high-solids aliphatic solvent-based, polyurethane membrane, used for long-lasting waterproofing. This high-technology membrane is UV-stable, non-yellowing, weather stable, alkali and chemical resistant and even after ageing it remains transparent and elastic.

Protects and waterproofs damaged glass surfaces & mineral surfaces against water penetration, frost, smog and acid rain. Also used as a transparent binder resin for sand carpet floor coating applications, especially where flexibility and UV stability are required.

Certified under EN 1504-2

Consumption: 0,800- 1,2kg/m² applied in two or three layers

MARITRANS® FINISH

One-component, satin-matte, transparent, semi-rigid, solvent-based polyurethane coating, used for matt finishing over MARITRANS® polyurethane coatings

Certified under EN 1504-2

Consumption: 0,100kg/m² applied in one layer

MARITRANS® TILE PRIMER

One-component, satin-matte, transparent, solvent-based, one-component adhesion promoter that chemically activates ceramic and glass surfaces, providing excellent adhesion to the coating that follows.

Certified under EN 1504-2

Consumption: 0,050 - 0,080kg/m² applied in one or two layers

MARISEAL® 670

One-component, liquid-applied, highly permanent elastic, solvent-based polyurethane bitumen-extended membrane, used for long-lasting waterproofing of foundations and retaining walls.

Certified under EN 1504-2 & EN 14891

Consumption: 1,4 - 2,0kg/m² applied in two or three layers

MARISEAL® 420

One-component, pigmented, semi-rigid, color/UV/ weather-stable, solvent-based polyurethane coating, used for the protection over exposed waterproofing membranes, subject to high wear and heavy traffic conditions.

Certified under EN 13813

Consumption: 0,400 - 0,600kg/m² applied in two layers

APPLICATION STEPS OF MARISEAL SYSTEM



STEP 1
Preparation of the surface



STEP 2
Primer



STEP 3
Fixing cracks and joints



STEP 4
Details and corners



STEP 5
Wall-floor connection



STEP 6
Reinforcement and 1st layer of waterproofing membrane



STEP 7
2nd layer of waterproofing membrane



STEP 8
Topcoat



STEP 9
Final outcome