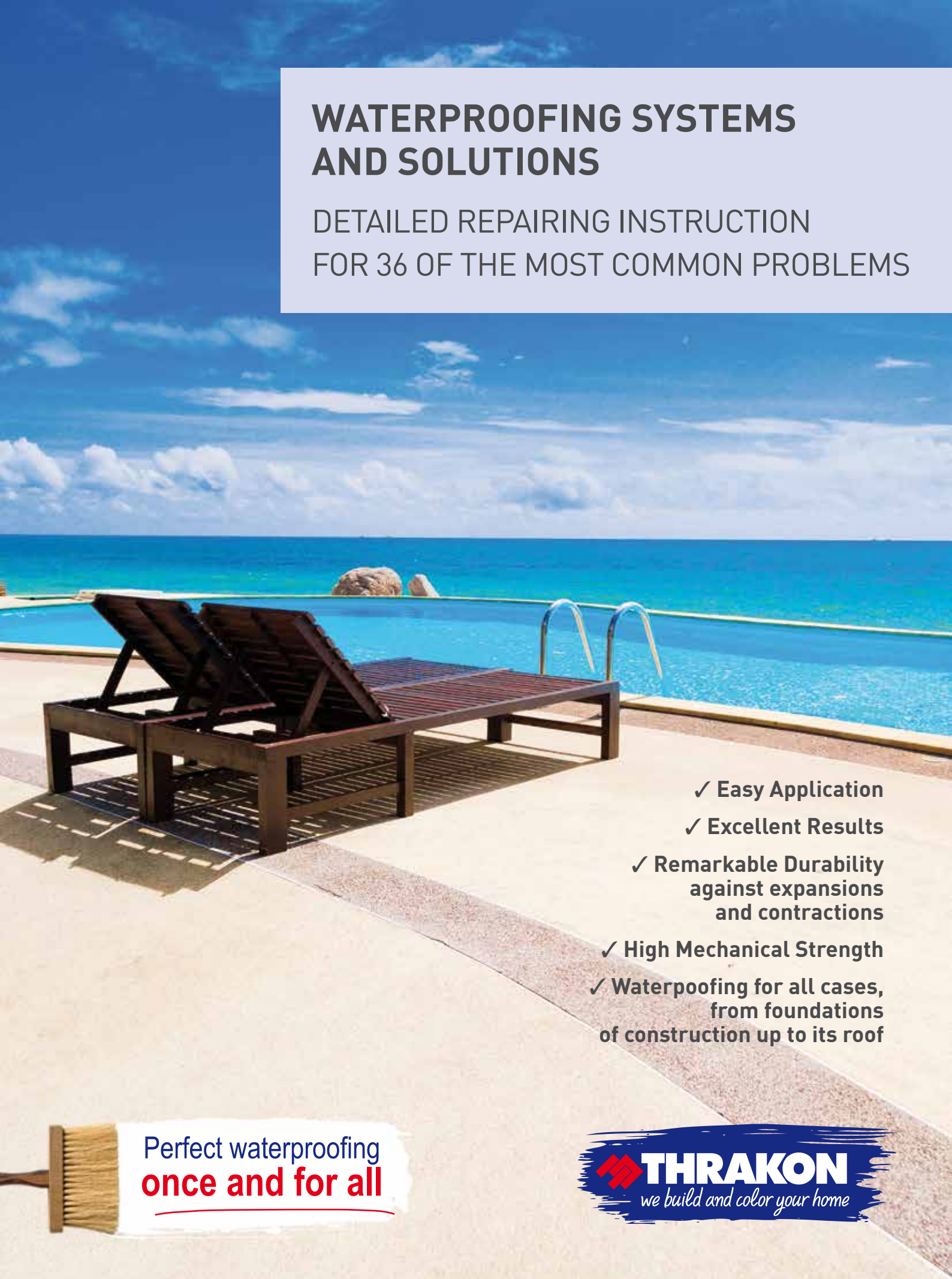
WATERPROOFING SYSTEMS AND SOLUTIONS

DETAILED REPAIRING INSTRUCTION FOR 36 OF THE MOST COMMON PROBLEMS



- ✓ Easy Application
- ✓ Excellent Results
- ✓ Remarkable Durability against expansions and contractions
- ✓ High Mechanical Strength
- ✓ Waterpoofing for all cases, from foundations of construction up to its roof

Perfect waterproofing
once and for all

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we build and color your home

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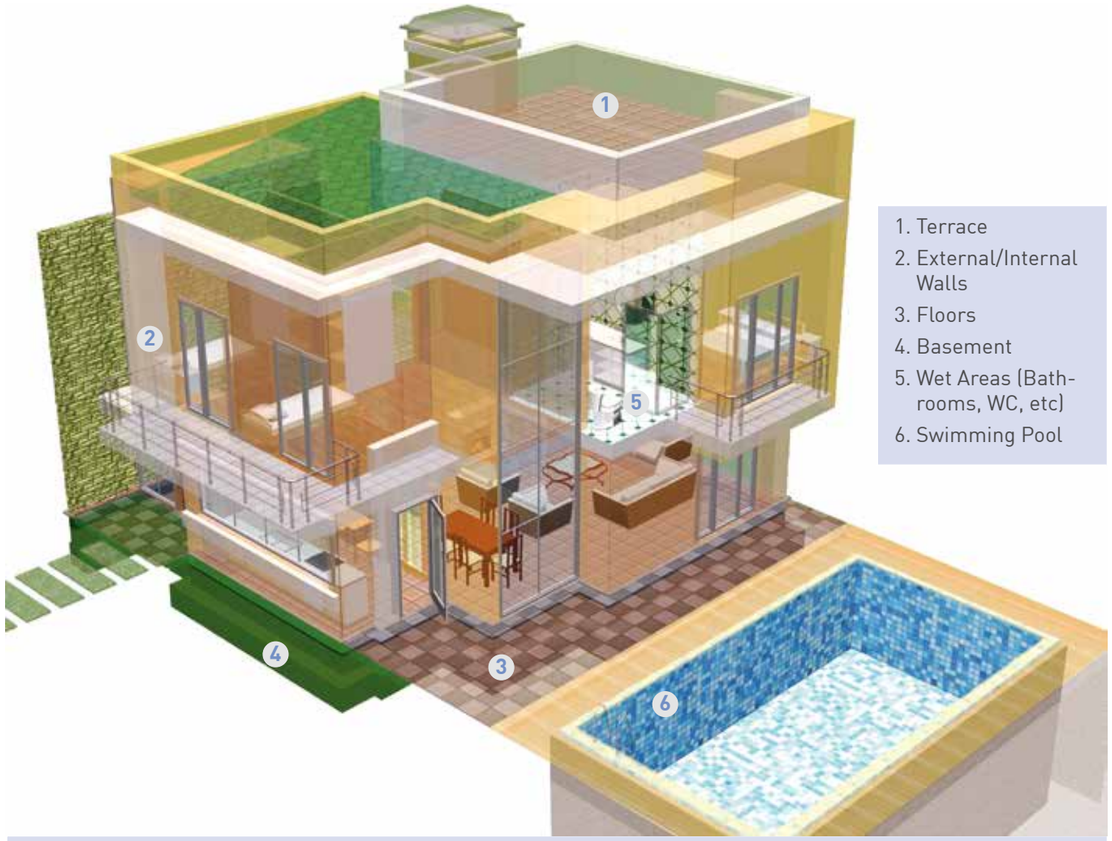


1. Terrace
2. External/Internal Walls
3. Floors
4. Basement
5. Wet Areas (Bath-rooms, WC, etc)
6. Swimming Pool

Waterproofing is one of the most crucial parts of the construction, since if the application method or product are not the appropriate, then we could face major problems. This is the reason why all factors should be considered in order to avoid future problems.

THRAKON offers a complete range of waterproofing systems, giving solutions for the protection of the building from factors that could be created from future problems.

THRAKON products are certified according to European standards and can be used for the most demading applications.

The present brochure is a presentation of waterproofing solutions to indicative problems that frequently occur to untreated constructions.

THRAKON suggests that you come in contact with our specialised representatives via email (info@thrakon.gr), in order to discuss about your problem and provide you the best possible solution.

1.0 Terrace waterproofing

Terrace waterproofing is a very important issue, since humidity can create big problems over time. Standing water will attack the vulnerable parts of a construction resulting to its erosion. Over time, humidity may penetrate to the inside of the structure, leaving intense marks at the roofs of the building. For this reason we should firstly repair carefully the substrate as well as pay particular attention to certain points, such as waterproofing joints or maintenance of assembly devices/particles before applying the waterproofing product suited for your case.




1.1 Inspection and cleaning of substrate

The application area should be free of loose particles, dust, oils and other particles that could cause adhesion problems or waterproofing failure.

STEP 1: Remove loose particles, using a metal spatula.

In cases where the existing waterproofing membrane has disintegrated, we must remove it in order to achieve effective waterproofing.

STEP 2: Clean surface thoroughly with a brush to remove dust.

STEP 3: Examine the application surface carefully . If there are nests (dents) on the substrate, we should repair them. (Part 1.2)

STEP 4: A curved gutter should be created at the corners of the parapet with the concrete slab. (Part 1.3)

STEP 5: We should clean the surface with water under pressure, in order to prepare the application of the waterproofing product.

STEP 6: If the application is on porous surfaces (eg concrete slabs), we should apply **GLX 292 FLEX PRIM**, a deep penetration primer for better results.

Products

GLX 292 FLEX PRIM
Acrylic primer - Deep penetration
Consumption: 50-70 g/m²

Nests repairing 1.2

ADVANTAGES: High Mechanical Strength - Fast Setting

STEP 1: We carefully examine the application surface. If there are nests (dents) on the substrate, we should repair them.

Such local repairs will level the surface, so that we have better waterproofing results over time. We start with good cleaning of the surface with a brush.

STEP 2: We prepare the amount of **WRM 525** needed by mixing it with the appropriate amount of water in a bucket, in order to have a creamy mixture, without lumps or bubbles.

STEP 3: Next, we proceed to the application of repairing mortar **WRM 525**, which offers exceptionally high strength (R4). The application is made with a trowel, covering the nest (dent) after wetting the surface with water.

Gutter creation 1.3

ADVANTAGES: High Mechanical Strength

In cases where there is no existing gutter, one should be created in order to avoid concentration of water at these points.

STEP 1: Thoroughly clean the area of application with a brush and wet it with water in order to increase friction.

STEP 2: After preparing the necessary quantity of **WRM 518**, apply it with a spatula, creating an inclined gutter. This is suggested to be done at every intersection of concrete walls with the concrete slab.

The end result is the creation of an inclined surface that will remove water from these points, protecting them from moisture.

Alternatively you could use a glass bottle or an 1kg **THRAKON** plastic bottle.

Products

WRM 518
Fast setting repairing mortar R2
Consumption: About 15 kg/m²/cm layer thickness

WRM 525
High strength, fiber reinforced, repairing mortar R4
Consumption: about 17-18 kg/m²/cm layer thickness

1.4 Existing conjunction points removal (eg. Solar Water Heater)

ADVANTAGES: Very High Mechanical Strength




There are cases where we want to proceed with the removal of some fixed parts at the top of our terrace (eg solar heater, existing reinforcement, old TV Antenna, etc).

STEP 1: Begin by cutting and removing these items by using an electric cutter, suitable for metals or steel.

Proceed with cutting all other elements.

The cross section should be V-shaped and 2 cm deep, from the surface of the concrete slab.

After removing the solar water heater, we need to fill the gap with a high strength repairing product.

STEP 2: Thoroughly clean the metal surface from rust by using a metal brush.

STEP 3: Apply **WRM 525** with a brush or spatula, covering these points completely.

STEP 4: Clean the surface thoroughly, remove scrap and rubbish created.

STEP 5: Thoroughly clean the surface with water under pressure.

WRM 525 is a high strength (R4), fiber-reinforced repairing mortar, ideal for repairs on reinforced concrete.

Products

WRM 525
High strength, fiber reinforced, repairing mortar R4
Consumption: about 17-18 kg/m²/cm layer thickness

1.5 Existing conjunction points maintenance

ADVANTAGES: Easy in Application - Fiber-reinforced

STEP 1: Clean the substrate from dust.

If an older applied acrylic membrane exists, check it for loose particles.

STEP 2: Remove loose particles with a spatula.

STEP 3: Clean the surface thoroughly from loose particles and dirt with a brush.

STEP 4: Prime the surface with deep penetration primer, **GLX 292 FLEX PRIM**.

STEP 5: Locally apply **FLX 382 PLUS**, at the base, as well as at a height of 10 - 15 cm from the ground.

STEP 6: While the first layer is still wet, apply a strip of **THRAKON** fiberglass tape.

STEP 7: Finish waterproofing by applying two more layers of acrylic brushable waterproofing membrane, **FLX 382 PLUS**.

FLX 382 PLUS is a fiber-reinforced acrylic membrane, ideal for demanding waterproofing applications.

1.6 Crack waterproofing

ADVANTAGES: Easy in Application - Fiber-reinforced

When there are small cracks on the surface of the concrete slab, they should be protected in order to avoid further problems with humidity.

STEP 1: Check for small cracks existing on the application surface and thoroughly clean with a brush.

STEP 2: Prime the surface with deep penetration primer, **GLX 292 FLEX PRIM**.

STEP 3 →

Products

GLX 292 FLEX PRIM
Acrylic primer - High penetration
Consumption: 50-70 g/m²

FLX 382 PLUS
Brushable, Elastomeric Waterproofing membrane with fibers
Consumption: 1.0 - 1.3 kg/m² per 1mm thickness

STEP 3: Once the primer has dried, apply the first layer of acrylic, fiber-reinforced, waterproofing brushable membrane, **FLX 382 PLUS**.

STEP 4: Cut the **THRAKON** fiberglass tape to the dimensions needed so as to cover the crack fully.

STEP 5: Apply the mesh over the crack by pressing it on its surface, while **FLX 382 PLUS** is still wet.

STEP 6: After the first layer of **FLX 382 PLUS** has dried, a second layer is applied along the crack.

STEP 7: Apply a third layer of **FLX 382 PLUS** after the second layer has dried, to protect the surface in the best possible way.

1.7 Joint waterproofing

DIY

ADVANTAGES: Easy in Application - Fiber-reinforced

If a joint is problematic, it needs waterproofing to avoid humidity problems.

STEP 1: Clean the surface thoroughly from loose particles and dirt.

STEP 2: Prime the surface with the deep penetration primer, **GLX 292 FLEX PRIM**.

STEP 3: Apply the first layer of **FLX 380 ROOF SEALER** with a brush or a roll.

STEP 4: While the first layer is still wet, apply a strip of **THRAKON** fiberglass tape along the joint.

STEP 5: Press the tape in order to enforce **FLX 380 ROOF SEALER**.

STEP 6: After the first layer of **FLX 380 ROOF SEALER** has dried, a second layer is applied along the joint.

STEP 7: Apply a third layer of **FLX 380 ROOF SELAER** after the second layer has dried.

Products

GLX 292 FLEX PRIM
Acrylic primer - High penetration
Consumption: 50-70 g/m²

FLX 382 PLUS
Brushable, Elastomeric Waterproofing membrane with fibers
Consumption: 1.0 - 1.3 kg/m² per 1mm thickness

DIY

Marble joint local waterproofing (parapet) 1.8

ADVANTAGES: Easy in Application - Highly Flexible

Marble application at parapets is used for giving a luxurious style at the construction. After some years, the sealing material maybe damaged. In this case it needs to be replaced in order to prevent the inflow of humidity beneath the marble.

STEP 1: Clean the surface of the joint thoroughly, by removing the existing sealant with a metal spatula at the entire length and width of the joint.

STEP 2: Clean the surface thoroughly from loose particles and dirt with a brush.

STEP 3: Apply paper tape on the left and right sides of the joint in order to avoid dirtying the surface.

STEP 4: Apply silicone **SEAL POOL**, which is ideal for applications with moisture and intense contractions.

STEP 5: Flatten the surface with your finger, while **SEAL POOL** is still wet.

STEP 6: Remove the paper tape, while silicone is still fresh.

By applying **SEAL POOL** optimum sealing of joints is ensured, over a long time.

DIY

Sloped terrace waterproofing 1.9.1

ADVANTAGES: Easy in Application - Highly Flexible

For common substrates, apply **FLX 380 ROOF SEALER**. It has high elasticity and is suitable for surfaces in severe contraction and vibration. Once we make the necessary repairs explained in the previous steps, we proceed with the preparation of the substrate.

STEP 1

Products

SEAL POOL
Silicone for Permanent contact with water
Consumption: Joint 5mm x 5mm: 12.5m per cartridge
Joint 10mm x 10mm: 3.1m per cartridge

ANTI-MOULD
Anti-mould Silicone
Consumption: Joint 5mm x 5mm: 12.5m per cartridge
Joint 10mm x 10mm: 3.1m per cartridge

STEP 1: Apply primer **GLX 292 FLEX PRIM**, which is ideal for absorbent substrates. Where an acrylic membrane has already being applied, surface can primed with **FLX 380 ROOF SEALER** diluted 10% with water.

STEP 2: After the primer has dried,apply the acrylic membrane **FLX 380 ROOF SEALER**. The application is done to the entire surface of the roof with brush, rubber spatula or roller, ensuring that the product enters and fills each gap. Furthermore, the application should also be done at the parapet and in the roof conjunction elements with other materials (1.5).

STEP 3: FLX 380 ROOF SEALER is applied crosswise in two layers. The thickness of each layer should be 0.4 - 0.5 mm. The second coat should be applied once the first one has completely dried (12-24 h). The surfaces applied with **FLX 380 ROOF SEALER** offer UV Protection due to its whiteness, reflecting solar radiation.

1.9.2 Level terrace waterproofing

DIY

ADVANTAGES: Easy in Application - Perfect Waterproofing

When there are no existing slopes or they are problematic, standing water is created. **THRAKON** suggests the application of hybrid waterproofing membrane **FLX 385 HYBRID**, which is ideal for these applications due to its composition. Once the necessary repairs are carried out in the preceding steps, proceed to the preparation of the substrate.

STEP 1: Apply primer **GLX 292 FLEX PRIM**, which is ideal for absorbent substrates. Where an acrylic membrane has already being applied, surface can primed with **FLX 385 HYBRID** diluted 10% with water.

STEP 2: Once the primer has dried, proceed with the application of **FLX 385 HYBRID**. The application is done on the entire surface of the roof by brush, rubber spatula or roller, making sure the material enters and fills each gap. Furthermore, the application should be done at the perimeter parapet and in the roof conjunction elements with other materials.

STEP 3: The product is applied crosswise in two layers. The thickness of each layer should be 0.4 - 0.5 mm. The second coat should be applied once the first one has completely dried (12-24 h). Surfaces applied with **FLX 385 HYBRID** product, will be protected for years from humidity and moisture.

Products

FLX 380 ROOF SEALER
Brushable, Elastomeric Waterproofing membrane
Consumption: 1 kg/m² per two layers

FLX 385 HYBRID
Hybrid, Brushable, Elastomeric Waterproofing membrane without solvents
Consumption: 0.8-1.5 kg/m², per two layers

1.9.3 Cracked terrace waterproofing

DIY

ADVANTAGES: Easy in Application - Fiber-reinforced

If the substrate of the terrace has small cracks (up to 2 mm), **FLX 382 PLUS** must be applied, which has high elasticity and resistance to contraction and vibrations.

STEP 1: Apply primer **GLX 292 FLEX PRIM**, which is ideal for absorbent substrates.

STEP 2: Proceed with the application of the first layer of **FLX 382 PLUS**.

STEP 3: THRAKON Waterproofing Fiberglass Mesh (70 g/m²) is positioned while **FLX 382 PLUS** is still wet, in order to reinforce the entire surface. This way it is ensured that the waterproofing will last over time. The application is done on the entire surface of the roof, at the perimeter parapet and at the conjunction elements of the roof with other materials (1.5).

The product is applied crosswise in two layers. The thickness of each layer should be 0.4 - 0.5mm. The second coat should be applied once the first one has completely dried (12-24 h). The surfaces applied with **FLX 382 PLUS** product, will be protected for years from moisture, with excellent results.

1.9.4 Terrace waterproofing with existing bituminous membrane

DIY

ADVANTAGES: Easy in Application - Perfect Waterproofing

STEP 1: The bituminous membrane should be thoroughly cleaned from dust. Where necessary, repair local bloating on bituminous membrane.
If the bituminous membrane is with slate flakes, apply a layer of **FLX 385 HYBRID** diluted (30 - 40%) and two more layers without dilution. If it is without slate flakes, a layer of **FLX 390 PU**

PRIMER should be applied. Then apply two layers of **FLX 385 HYBRID** crosswise.
THRAKON suggests using the reinforcing **Waterproofing Fiberglass Mesh** across the surface. **THRAKON** waterproofing mesh must be placed while first layer of **FLX 385 HYBRID** is still fresh.

STEP 2: Two layers of brushable waterproofing hybrid material **THRAKON FLX 385 HYBRID** must be applied.

Products

FLX 382 PLUS
Brushable, Elastomeric Waterproofing membrane with fibers
Consumption: 1.0 - 1.3 kg/m² per 1mm thickness

FLX 385 HYBRID
Hybrid, Brushable, Elastomeric Waterproofing membrane without solvents
Consumption: 0.8-1.5 kg/m², per two layers

1.9.5 Terrace waterproofing and covering with tiles

Professional Series

ADVANTAGES: Perfect Waterproofing - Highly Flexible

In case you wish to apply roof tiles (decorative reasons, aesthetic, etc.), you should have a proper waterproofing, which provides excellent protection and long life. Substrate should be thoroughly cleaned. Where necessary, apply steps 1.2 - 1.3, in order to properly prepare the substrate.

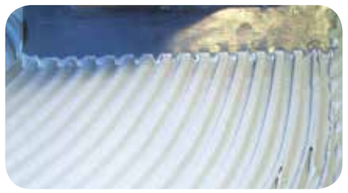
STEP 1: Prime the surface with the acrylic high penetration primer, **GLX 292 FLEX PRIM**. Where an acrylic membrane has been previously applied, you should apply quartz sand primer **GLX 190**, in order to improve the adhesion of the substrate.

STEP 2: Apply by brush or roller, crosswise two layers of the elastic 2 component brushable sealing slurry **DSF 353 SUPER ELASTIC**. Since the color does not matter, choose gray.

STEP 3: The application of **DSF 353 SUPER ELASTIC** should also be done at the vertical elements of the balcony in order to protect them from standing water. At corners, apply the waterproofing tape for better protection against standing water. While the first layer of **DSF 353 SUPER ELASTIC** is still fresh, waterproofing tape is positioned.

STEP 4: At the corners apply the **THRAKON** special items (Inner – Outer corner), after applying the first coat. While it is still fresh, a waterproofing special item is positioned.

STEP 5: Apply the second layer of **DSF 353 SUPER ELASTIC**. If you want to leave it exposed as a final surface, the application should be made in 3 layers. For the last coat, use a white product, which provides protection from Ultraviolet (UV) Radiation.



STEP 6: Proceed with applying adhesive **VKW 129 ULTRA FLEX**, which is super elastic (C2TE S2), suitable for the most demanding welds.

When large tiles are implemented, apply the **THRAKON PROLEVELLING SYSTEM**. With this system it is ensured that excellent leveling and fast setting is achieved.

STEP 7: When applying the tiles, place the special profile, depending on the layout of the tiles (a cross, «T» or «Y»).

STEP 8 →

Products

DSF 353 SUPER ELASTIC
Highly Flexible, 2- component, Brushable Waterproofing Slurry
Consumption: 1.5 kg per layer

KF 12/7 & F12/7
Joint Sealing tapes

STEP 8: After completing the positioning of the tiles, apply the rotary screw - stem system, until it is on the surface of the tiles.

STEP 9: Remove the upper part of the special piece, pulling or giving a slight kick in the screw-stem. The screw - stem, can be reused.

VKW 129 is ideal for bonding absorbent and non-absorbent, large or small tiles of all types and on substrates where high welding strength, super elasticity and resistance to climate changes are required.

Professional Series

1.9.6 Terrace waterproofing with polyurethane membrane

ADVANTAGES: Highly Flexible - Big durability

FLX 390 of THRAKON is a complete polyurethane waterproofing system suitable for the most extreme applications that ensures excellent waterproofing over a long time.

STEP 1: The substrate should be thoroughly cleaned with a broom from any loose particles, dust etc.

STEP 2: Apply the repairing mortar **WRM 525**, which has particularly high resistance (R4), in order to repair defects (pits) that are present on the substrate.

STEP 3: Clean the surface with water under pressure. If there is standing water, you need to remove it with a rubber spatula to continue with the application of the primer.

STEP 4: Apply the two component primer **FLX 390 PU PRIMER** in one layer. For absorbent surfaces apply **FLX 390 POROUS PRIMER**.

STEP 5: Apply the first layer of the one component, elastic polyurethane membrane **FLX 390 PU**.

← **STEP 6:** A second layer is applied in no sooner than 12 hours and no later than 36 hours. **THRAKON FABRIC** is suggested for reinforcing the polyurethane membrane. **THRAKON FABRIC** is applied before the second coat. →

STEP 7: Protect the waterproofing membrane, by applying the one component elastic aliphatic polyurethane membranthe **FLX 390 TOP COAT**. The application is made with a roll, by applying a complete layer across the surface.

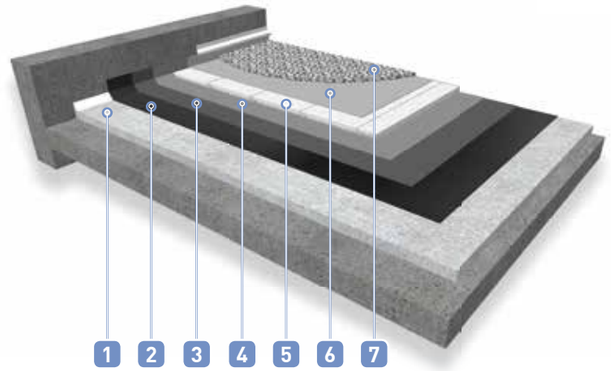
Products

FLX 390 PU
Brushable Polyurethane based elastic membrane (1K)
Consumption: 1.3-1.8 kg/m² applied in two or three layers

FLX 390 TOP COAT
Brushable Polyurethane Elastic membrane (1K)
Consumption: 120-150 g/m² applied in two or three layers

1.9.7 Inverted roofs waterproofing - with gravel

Professional Series



STEP 1: Apply **NSD 620** which is a lightweight, thermal insulating flooring screed, giving the necessary slopes. It is suggested to reinforce **NSD 620** by putting **THRAKON flooring screeds mesh (130 g/m²)**.

STEPS 2-3-4:
First apply T**HRAKON Bitu-Coat** and then **THRAKON Bitu-Primer**. Finally apply **THRAKON Bitu-FELT V (5° C)**.

STEP 5:
Application of EPS insulation boards.

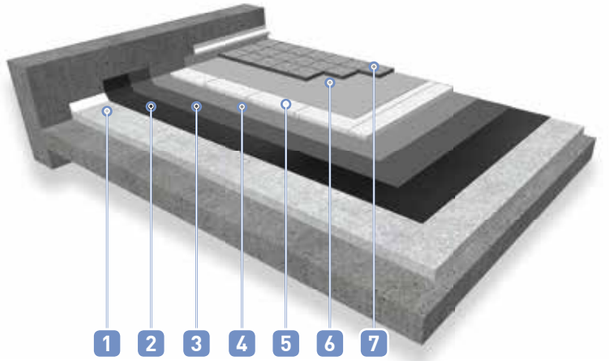
STEP 6: Application of the **THRAKON FABRIC** all over the area.

STEP 7:
Carefully place gravel on top of the application in order to avoid damaging the substrate.

1. Lightweight, thermal insulating flooring screed **2.** Bitu-Coat **3.** Bitu-Primer **4.** Bitu-FELT **5.** EPS boards **6.** THRAKON Fabric **7.** Gravel

1.9.8 Inverted roofs waterproofing - with THRAKON Tile

Professional Series



STEP 1: Apply **NSD 620** which is a lightweight, thermal insulating flooring screed, giving the necessary slopes. It is suggested to reinforce **NSD 620** by putting **THRAKON flooring screeds mesh (130 g/m²)**.

STEPS 2-3-4:
Apply **THRAKON Bitu-Coat** and then T**HRAKON Bitu-Primer**. Fianlly apply **THRAKON Bitu-FELT V (5° C)**.

STEP 5:
Application of EPS insulation boards.

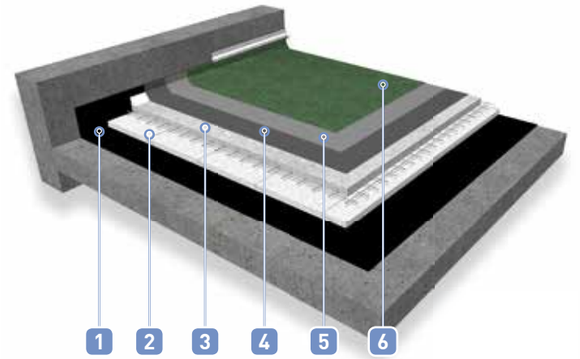
STEP 6: Application of **THRAKON FABRIC** all over the area.

STEP 7:
Applcation of **THRAKON Tile**.

1. Lightweight, thermal insulating flooring screed **2.** Bitu-Coat **3.** Bitu-Primer **4.** Bitu-FELT **5.** EPS boards **6.** THRAKON Fabric **7.** THRAKON Tile

1.9.9 Terrace waterproofing - with bituminous felt

Professional Series



STEP 1-2:
Application of **THRAKON Bornit-2K** due to weld the insulation boards (EPS).

STEP 3:
Apply **NSD 620** which is a lightweight, thermal insulating flooring screed, giving the necessary slopes. It is suggested to reinforce **NSD 620** by putting **THRAKON flooring screeds mesh (130 g/m²)**.

STEPS 4-5:
Application of **THRAKON Bitu-Coat** and then application of **THRAKON Bitu-Primer.** Then we apply **THRAKON Bitu-FELT V (5° C)**.

STEP 6:
Application of **THRAKON Bitu-FELT V (5° C)**.

1. Lightweight, thermal insulating flooring screed **2.** EPS boards **3.** THRAKON flooring screeds reinforcement **4.** Bitu-Coat **5.** Bitu-Primer **6.** Bitu-FELT

Products

THRAKON Bitu-Coat
Bituminous water soluble emulsion

THRAKON Bitu-Primer
Bituminous varnish

Wet areas waterproofing 2.0

Waterproofing of wet areas (like for example bathroom or WC) is very important, since the products applied should offer protection against humidity and moisture according to the life expectancy of the construction. **THRAKON** offers a complete product range of waterproofing systems, assuring perfect and long-lasting waterproofing. Furthermore, **THRAKON** offers a full range of complementary products in order to achieve the required results. Finally, **THRAKON** provides also cleaning agents for the proper maintenance and cleaning of wet areas.




Professional Series

Bathroom/ WC waterproofing 2.1

ADVANTAGES: Perfect Waterproofing - Highly Flexible

The ideal solution for waterproofing of humid areas (bathrooms, WC, etc.) is the acrylic flexible membrane **DSF 300 FLEX HYDROSTOP**. It has great elasticity (> 300%), making it suitable for waterproofing of places with permanent moisture (toilets, bathrooms, saunas etc.).

STEP 1: Clean the surface thoroughly from dust and loose particles with a brush. In this way the adhesion and correct result of the application are ensured.

STEP 2: Prime the surface with the acrylic deep penetration primer, **GLX 292 FLEX PRIM**. For non-absorbent surfaces quartz primer **GLX 190** should be used.

STEP 3: Apply the first layer of the membrane, by brush or roller. Start from the corners and places where the slab is in contact with the wall in order to implement special waterproofing pieces.

STEP 4: THRAKON offers two joint sealing tapes.
F12 / 7: reinforced polyester mesh or **KF12 / 7**: reinforced fiberglass. Moreover, **THRAKON** provides special waterproofing items for protection at corners (Inner – Outer waterproofing corner).

Application of the sealing tape must be made also in the corner between the two walls where they are joined together.

STEP 5

Products

DSF 300 FLEX HYDROSTOP
Elastomeric Waterproofing Membrane
Consumption: 1.6-2 kg/m² per two layers

KF 12/7 & F12/7
Joint Sealing tapes

STEP 6: After complete drying (24 hours after the application), the acrylic membrane may be covered directly with ceramic tiles by using a cement based elastic adhesive, modified with special resins.

STEP 5: Apply the second coat of **DSF 300 FLEX HYDROSTOP** covering the sealing tape. Ideally, the application should be made across the surface of the floor and walls up to a height of 1.80 m.

2.2 Sealing joints between different materials

DIY

ADVANTAGES: Perfect Waterproofing - Highly Flexible

Frequently, after a period of time and in combination with moisture in humid areas, joints between different materials get damaged.

Besides the aesthetic, there is also a potential health issue, as fungus start to grow on the silicone joint. This means that the sealant should be replaced.

STEP 1: Dismantle the sealant carefully so as not to injure the sanitary ware.

STEP 2: Clean the surface thoroughly from dust and loose particles with a brush or a broom.

STEP 3: It is necessary to use adhesive tape in order to avoid dirt during application.

STEP 4: Apply the mildew-resistant silicone sealant **SEAL POOL**, perfect for areas with permanent humidity.

STEP 5: The sealant is formed with our finger, while it is still fresh.

STEP 6: Proceed to removing the adhesive tape, having restored the problem. In addition, the hygiene of the area is ensured as there is an environment that waterproofs the joint and prevents from mildew growth.

Products

SEAL POOL
Silicone for Permanent contact with water
Consumption: Joint 5mm x 5mm: 12.5m per cartridge
Joint 10mm x 10mm: 3.1m per cartridge

ANTI-MOULD
Anti-mould Silicone
Consumption: Joint 5mm x 5mm: 12.5m per cartridge
Joint 10mm x 10mm: 3.1m per cartridge

Tile grouts cleaning 2.3

DIY

ADVANTAGES: Cleans dirt easily - Unique shine

Grouts get dirty from everyday use. In such cases, we can easily clean them with the mild cleanser **VLX 181**.

STEP 1: Add the **VLX 181** into a container of water. For each 5 m² need one container of **VLX 181**. Then mop the surface.

STEP 2: The results are starting to become visible after a few minutes.

STEP 3: Where necessary, rub the grout with a brush to clean.

STEP 4: Mop the surface with water in order to complete the cleaning.

VLX 181 cleans perfectly without causing damage, while providing sheen. It is ideal for tiles with screen printing and special decorations, which are cleaned with a soft cloth.

Tiling repairing & waterproofing 3.0

Due to the age of the construction or bad applications, various problems related with humidity appear on surfaces where tiles are applied. Also, another common problem is the development of humidity at the areas near the baseboard. In these cases a careful restoration of the problem should be made in order to stop moisture problems. Moreover, a common problem is the development of moisture and salts at the bottom surface of areas applied with tiles. In these cases **THRAKON** suggests repairing the problematic tile grout and then waterproofing it, in order to stop such problems.

Products

VLX 181
Non-acid General Purpose Cleaner for joints and ceramic tiles
Consumption: 1 L/5 m² surface

VLX 182
Acid General Purpose Cleaner for joints and ceramic tiles
Consumption: 5.5 m2/L surface

3.1 Defective baseboard sealing

DIY

ADVANTAGES: Easy in Application - Permanent Waterproofing

In existing constructions, penetration of water to the intersection between the baseboard and tile or plaster causes bulge and ablation of the colour.

STEP 1: The damaged parts of paint above the baseboard are being removed with a spatula. Thorough cleaning of the surface is necessary.

STEP 2: Surface preparation with **STATUS DUR**, solvent based primer.

STEP 3: Protect adjacent surfaces by using a paper tape.

STEP 4: The intersection between the baseboard and the plaster is sealed with polyurethane mastic **ELASTO PU**.

STEP 5: ELASTO PU should be smoothed while it is still fresh and the paper tape should be removed straight after.

3.2 Damaged tile grouts restoration

DIY

ADVANTAGES: High Mechanical Strength - Highly Flexible

STEP 1: With a metal spatula remove the loose particles of the problematic tile grout.

STEP 2: Clean the surface from dust thoroughly. Light cleaning with water is suggested.

STEP 3: The mix is prepared, having chosen one of **THRAKON's tile** grouts (**FMF 150 - FMF 160** Porcelain grout) and applied with a rubber spatula.

STEP 4: Once tile grout has dried, clean the surface with a sponge.

STEP 5: Clean the area further with a damp clothe.

Products

STATUS DUR
Waterproof primer, solvent based
Consumption: 12-14 m²/L

ELASTO PU
Polyurethane Sealing mastic
Consumption: Joint 5mm x 5mm: 12.5m per cartridge 310ml / 24m per alum. cartridge 600ml
Joint 10mm x 10mm: 3.1m per cartridge 310ml / 6m per alum. cartridge 600ml

Absorptive tile grouts waterproofing 3.3

DIY

ADVANTAGES: Easy in Application - Protection from salts

STEP 1: Thoroughly clean the area from dust.

STEP 2: Pour **NANOSHIELD W** at the area of application.

STEP 3: Spread **NANOSHIELD W** on the area with a rubber spatula. Leave area for 5 minutes and then remove the material that has not dried.

STEP 4: Clean the area by sweeping with a damp cloth.

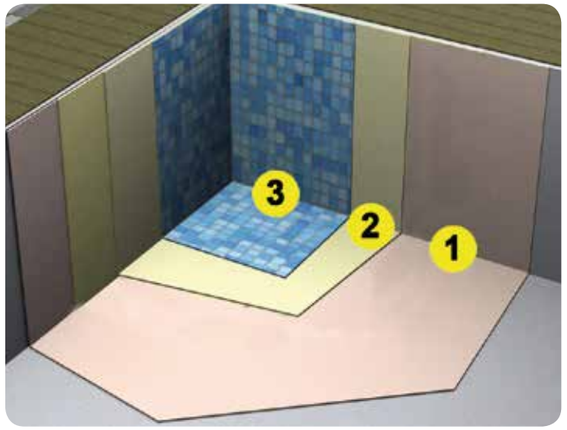
STEP 5: After 6-8 hours (depending on climatic conditions), proceed with the permanent cleaning of the surface, by mopping it.

NANOSHIELD W is applied for the durable protection of tile grouts, since we reinforce its surface against humidity, moisture, salts and appearance of fungi.

Professional Series

Swimming pool waterpoofing 4.1

In general, swimming pools are one of the most demanding applications in waterproofing and for this reason **THRAKON** suggests the application of **DSF 353 SUPER ELASTIC**. This product is very flexible, while also offers great resistance to negative and positive water pressures.



STEP 1: THRAKON suggests the application of **DSF 370** in order to level the concrete surface.
Proceed with the first layer of 2-component **DSF 353 SUPER ELASTIC**, reinforcing it with **THRAKON** waterproofing mesh.

STEP 2: Apply another 3 layers of **DSF 353 SUPER ELASTIC**. Each layer is applied crossed, as long as the previous layer is dried.

STEP 3: Apply an elastic tile adhesive (**THRAKON VKW 129**) in order to avoid problems with thermal expansions and rest of the conditions that usually trouble swimming pools. Regarding tile grout, we recommend the application of **THRAKON FMF 155**, which is a 2-component epoxy tile grout.

Products

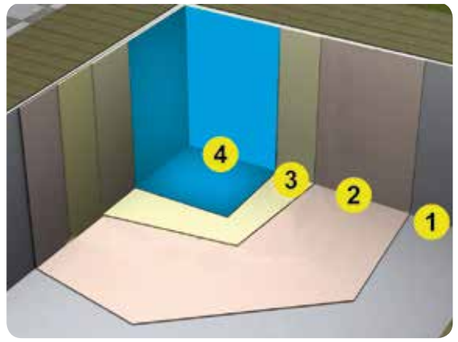
NANOSHIELD W
NEW
Nanomolecular product for protection of porous surfaces against moisture
Consumption: 100-200 ml/m²

DSF 353 SUPER ELASTIC
Highly Flexible, 2- component, Brushable Waterproofing Slurry
Consumption: 1.5 kg per layer

4.2 Pool waterproofing with polyurethane paint

Professional Series

A very common and in the same time economic way of waterproofing swimming pools, is the application of a paint with special characteristics, that will be able to withstand weather conditions, while it will also be able to be permanently under water. **THRAKON** suggests the application of the polyurethane paint for swimming pools **CARMYPOOL**.



STEP 1: Clean the surface from oil, dust and loose particles. In case of existing reinforcement, cut it at a depth of 3 cm. Then wet the area with water and proceed with repairing of the surface by using **WRM 518**.

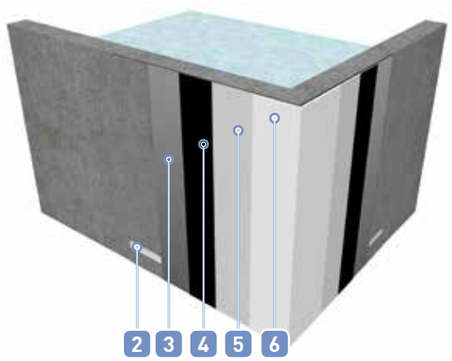
STEP 2: Apply **DSF 370** on top of concrete in order to level the surface. Total thickness of application should be around 2-3 cm, with 1cm in thickness applied. At the points of intersection of the walls with the ground of the swimming pool we suggest the creation of an inclined gutter with **WRM 518**. This will make the application of **CARMYPOOL** easier.

STEP 3: Prime the surface with the 2-component epoxy primer **CARMYPOOL PRIMER** (appropriate for swimming pools and water tanks). Priming of surface should be made 28 days following the application of **DSF 370**. In case of small cracks use **CARMYPOX EG-10**.

STEP 4: After 24 hours, proceed with the polyurethane paint with special technical characteristics **CARMYPOOL**. **CARMYPOOL** is extremely durable to solar radiation, as well as acid or alkaline environments. It also offers excellent waterproofing for a lot of years.

5.1 Water tank waterproofing (Externally)

Professional Series



2. BORNIT-DREIECKSBAND **3.** THRAKON Bitu-FELT V **4.** THRAKON Bitu-PRIMER
5. THRAKON Bitu-FELT V **6.** NEODRAIN SL28C

STEP 1:
Clean the surface from oil, dust and loose particles. In case of existing reinforcement, we cut it at a depth of 3 cm. Then wet the area with water and proceed with the repairing of the surface by using **WRM 518**.

STEP 2:
At the points of intersection of concrete walls with foundations the application of **BORNIT-DREIECKSBAND** is suggested. This is a bituminous, highly flexible, triangular tape, ideal for these parts of waterproofing.

STEP 3:
Application of bituminous membrane **THRAKON Bitu-FELT V (-5 °C)**.

STEP 4:
Application of bituminous varnish **Bitu-Primer**, leaving it to dry for 8 - 10 hours.

STEP 5:
Application of a new layer of bituminous membrane **THRAKON Bitu-FELT V (-5 °C)**.

STEP 6:
Application of **NEODRAIN SL28C**, in order to protect the surface.

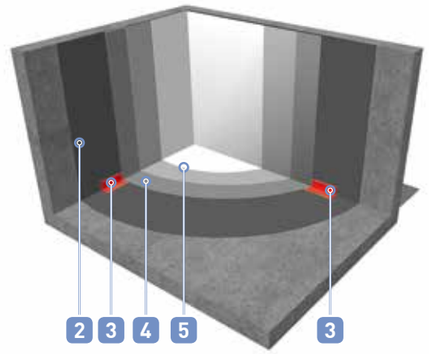
Products

CARMYPOOL PRIMER
Primer for pool paint
Consumption: 8-9 m²/L (for dry film 60m.)

CARMYPOOL
Pool Paint
Consumption: 8-9 m²/L (for dry film 60m.)

Professional Series

Water tank waterproofing (Internally) 5.2



2. DSF 350 FLEX **3.** WATERPROOFING TAPE
4. DSF 350 FLEX **5.** DSF 350 FLEX

STEP 1:
Clean the surface from oil, dust and loose particles. In case of existing reinforcement, cut it at a depth of 3 cm. Then wet the area with water and proceed with the repairing of the surface by using WRM 518.

STEP 2:
Proceed with the first layer of 2-component **DSF 350 FLEX**, which has a certificate for using it in drinking water tanks.

STEP 3:
At the points of intersection of the wall with a concrete floor, the application of **THRAKON** waterproofing tape is suggested. At the corners **THRAKON** offers Waterproofing special items (internal-external corner). The application of these special items should take place before the first layer of **DSF 350 FLEX** has dried.

STEP 4:
Apply a second layer of **DSF 350 FLEX**, crossed.

STEP 5:
Apply another two layers of **DSF 350 FLEX**, in order to get the best possible result.

External walls waterproofing 6.0

Weather conditions (high solar radiation, moisture and humidity, mountainous or seaside areas) affect paints applied on buildings. Especially in areas outside big urban centres, humidity problems could appear both on the outside and the inside of a house. This is because maintenance has not been made properly, resulting to the creation of such problems after some years. **THRAKON** offers a series of solutions for the protection and waterproofing of outside or inside masonry, covering the most demanding applications and giving durable solutions. In case that further repairs are needed, please consider reading **THRAKON's** relative brochure.




DIY

External walls waterproofing 6.1

ADVANTAGES: Highly Flexible - Protection from Moisture

There are cases where paints detach from external walls. They need to be repaired and protected from moisture.

STEP 1: Check the surface thoroughly for loose parts of paint.

STEP 2: If there are loose particles, frayed or peeling old paint, remove them with a metal spatula.

STEP 3

Products

DSF 350 FLEX
Flexible, 2- component, Brushable Waterproofing Slurry
Consumption: 1.5 kg/m² per layer

WRM 515 FIX
Repairing mortar R2
Consumption: About 15 kg/m²/cm layer thickness

STEP 3: Clean the surface thoroughly from dust. This stage is important for the correct restoration.

STEP 4: Check for signs of where the wall has been hit and paint has been removed.

STEP 5: Small irregularities are fixed with **STATUS 100% ACRYLIC PUTTY**, applied with a metal spatula.

For larger gaps, use lightweight acrylic stucco **STATUS ONE COVER**, which is soft and easy to work, does not need sanding and can be painted as soon as the surface dries. **STATUS ONE COVER** does not drip and is ideal for filling joints, cracks and all kinds of openings at thickness up to 3 cm, with one pass.

STEP 6: Application of the deep penetration primer, **GLX 292 FLEX PRIM**.

STEP 7: After 4 - 5 hours and when the primer has dried, apply the elastomeric insulating paint **STATUS ALL WEATHER** in exterior walls with a roller or brush. Allow the first layer to thoroughly dry and after 24 hours apply the second layer.

STATUS ALL WEATHER prevents the formation of mold, and is resistant to retaining dirt. It has a special composition with integrated UV filters, while it creates an elastic membrane that covers all the hairline cracks and remains flexible without cracking or peeling.

6.2 Cracks sealing on plaster

DIY

ADVANTAGES: Easy in Application - Permanent Solution

In general, the external walls of a building suffer the most, since they are exposed to weather conditions. Furthermore, high or low temperatures, as well as the humidity of the area can play an important role to the strain of a fascade. Small cracks on plaster, during time can get bigger, increasing the cost of repairing. For this reason it is suggested to repair small cracks, as soon as possible.

STEP 1: Inspect the area for cracks on the plaster.

STEP 2: Open the crack with a spatula at a width of 3-4 mm.

STEP 3: Clean the area thoroughly with a brush from dust and loose particles.

Products

STATUS 100%
Acrylic Putty
Consumption: 400 g/m²

STATUS ALL WEATHER
Elastomeric Waterproof Facade Paint
Consumption: 8-10 m²/L

STEP 4: Proceed with the application of **ELASTO PU**, along the opening of the crack.

STEP 5: Smooth the sealant with a spatula. The grinding must be done before the sealant dries.

STEP 6: Apply **STATUS POLYPRIMER** for preparing the surface, before the application of **STATUS ALL WEATHER**, a paint that is flexible and ideal for waterproofing of walls.

DIY

Crumbled and detached plaster waterproofing 6.3

ADVANTAGES: Permanent Repairing Solution

Due to aging, parts of plaster become crumble and finally detach.

STEP 1: Firstly, all crumbling parts of plaster are removed with a spatula and surface is cleaned off with a brush.

STEP 2: Prime the surface with the deep penetration primer **GLX 292 FLEX PRIM**.

STEP 3: Application of **WRM 520**, which is fast setting, on the surface of application. Waiting of 20 minutes for it to dry.

STEP 4: Application of **WRM 483 CEM COAT**.

STEP 5: As soon as **WRM 483 CEM COAT** dries, proceed to the rubbing of the surface.

STEP 6: Application of the deep penetration primer, **GLX 292 FLEX PRIM**.

STEP 7: Paint the surface with **STATUS ALL WEATHER**, in two layers.

WRM 483 CEM COAT is a cementitious putty, ideal for applications on concrete. For extra fine finish we recommend **WRM 483 CEM COAT FINE**.

Products

WRM 483 CEM COAT
Fine cementitious putty
Consumption: Approximately 1.3 kg/m²/mm thickness

NEW

WRM 483 CEM COAT FINE
Extra Fine cementitious putty
Consumption: Approximately 1.3 kg/m²/mm thickness

NEW

6.4 Inside masonry waterproofing and protection from mold

DIY

ADVANTAGES: Protection against Moisture - Easy to clean

Creation of vapor is one of the most common problems in a house.

Very often, mold signs appear on walls or celings, creating an aesthetic problem, which becomes a health problem in time.

STEP 1: Protect the floor, by covering all the area that is going to be painted.

STEP 2: Clean the surface thoroughly from dust and loose particles with a spatula. A sandpaper is used for evening the surface.

STEP 3: Where needed, **STATUS 100% ACRYLIC PUTTY** is applied, rubbing it with a sandpaper as soon as it gets dry.

STEP 4: Application of deep penetration primer, **GLX 292 FLEX PRIM**, with a brush or roller.

STEP 5: After the primer is dried (5 - 6 hours) **STATUS KITCHEN & BATH** is applied on the whole surface.

STEP 6: After 4 - 5 hours apply the second layer of **STATUS KITCHEN & BATH**.

7.1 Stone & marbles waterproofing

DIY

ADVANTAGES: Easy in Application - Protection from Salts

For the protection of surfaces against mold, fungus and the creation of salts, THRAKON offers **NANOSHIELD W. NANOSHIELD W** is a nanomolecular product which seals porous surfaces. It does not create a film and doesn't get yellow when in contact with UV Radiation.

STEP 1: Clean the surface thorougly from dust. Local stains can be easily removed with **VLX 181**.

NANOSHIELD W is a hydrophobic product which is ideal for the protection of innorganic substrates, it does not create a film, it is water repellent and ideal for the waterproofing of such areas.

STEP 2: Apply **NANOSHIELD W** by brush or a roller or the whole surface. Application can also be made by spraying. The application needs to be done in two layers. Second layer should be applied within 3 hours from previous layer.

Products

STATUS
Kitchen & Bath
Consumption: 12-15 m²/L

NANOSHIELD W
Nanomolecular product for protection of porous surfaces against moisture
Consumption: 100-200 ml/m²

NEW

Porous surfaces waterproofing 7.2

DIY

ADVANTAGES: Easy in Application - Protection from Salts

Apply **HYDRO R** on porous surfaces (eg YTONG masonry, plasters etc) for their protection against the effects of rain (salt creation).

With this application assure the waterproofing of a porous surface (YTONG blocks, fences, plastered surfaces etc) in the best possible way.

STEP 1: Surface of application should be cleaned thoroughly from oil, dust, loose particles while it should also be dry.

STEP 2: HYDRO R is applied with a roller, brush or spray in two layers, wet on wet. It should not be applied on horizontal areas or areas with standing water.

When the surface gets wet, the lotus effect appears on the surface: humidity creates small bubbles which flow down the surface.

Application can also be made on painted surfaces for water-protection. The application of **HYDRO R** should be in minimum two coats for any application.

HYDRO R is suggested for the waterproofing of vertical surfaces. Furthermore it can be a useful tool for architects wanting to present an alternative solution. AAC blocks can be easily given any design, having the look of natural stone. **HYDRO R** offers a solution for these cases, protecting AAC from humidity and creation of salts.

Basements waterproofing - Internally 8.0

Waterproofing of basements is a very important part of the construction since the basement needs to be protected. The following method is suggested for application in new and existing constructions. In case of application in an existing basement, possible top coating (plaster, tiles etc) should be removed in order to make sure that a durable, long-lasting solution under negative and positive pressures is achieved.

Products

HYDRO R
Hydrophobic impregnation product
Consumption: 0.15 - 0.35 L/m² per coat

NEW

8.1 Water-Leakage repairing

Professional Series

ADVANTAGES: Non-Shrinking - Sets in 3 minutes

Carefully examine concrete walls of the basement. In case of an existing leakage, we should use **WRM 500**, a non shrinking, fast-setting, one-component repairing mortar.

STEP 1: For the preparation of **WRM 500** only water is needed. In a clean pot add 210 - 230 ml of water and gradually add 1 kg of **WRM 500**, stirring continuously with fast and strong moves, with a spatula, in order to create a homogeneous maze.

Having worn protective gloves, shape the mixture and put it on the hole. Press gently for 3 minutes, until the mixture stabilizes completely.

8.2.1 Basement waterproofing - Externally

Professional Series

ADVANTAGES: High Quality Waterproofing - Perfect against Negative or Positive Pressures

STEP 1: Application starts with preparation of substrate, by following steps 1 - 5, of 8.2.2.

STEP 2: Apply the first layer of **DSF 363 FIBERELASTIC**, which is fiber-reinforced and has increased strength against negative and positive pressures. The application is made in 4 layers, on all the surface of surrounding concrete walls while the application height should not be less than 50 cm about ground level.

STEP 3: In order to protect the application, **THRAKON** suggests putting the membrane **NEODRAIN SL28C** as a top cover.

Products

WRM 500
Fast setting repairing mortar
Consumption: 1 kg yields approximately 0.6 L of ready to use mortar

DSF 363 FIBERELASTIC
Flexible, Fiber-reinforced, Brushable Waterproofing Slurry
Consumption: 2 - 4 kg/m², two layers

NEW

Professional Series

Basement waterproofing - Internally 8.2.2

ADVANTAGES: High Quality Waterproofing - Perfect against Negative or Positive Pressures

STEP 1: Remove all foreign particles from the concrete surface (pins, nails etc). We cut them by using a steel cutting disc, widening the whole in a conical shape, at a 3 cm depth.

STEP 2: Clean thoroughly the surface from dust. Then wet the area of application with water.

STEP 3: Cover the wholes on concrete surface with **WRM 525** (R4). The same application is made at joints of interrpupted work, as well as the nets of concrete.

STEP 4: At points where concrete floor comes in conjunction with the vertical elements of construction, a curved gutted should be created, by applying **WRM 518** (R3).

STEP 5: The application area of the basement should be clean of dust, oils, loose particles, etc. For this reason clean thoroughly with a broom. In case of standing water, leave water to dry before application.

DSF 360 is recommended for waterproofing of basements. It is suggested to wet the area with water before application.

STEP 6: Application of the first layer of **DSF 360**, which is an component product, offering great strength against negative and positive pressures. The application is made on the whole surface of ground floor, as well as on the surrounding walls.

STEP 7: When the first layer gets dried (not before 2 hours), application of the second layer of **DSF 360** follows.

The application is suggested to be made in 4 layers, depending on the needs of waterproofing and at an application depth not smaller than 50 cm. Each layer should have maximum thickness 1 mm.

Products

WRM 525
High strength, fiber reinforced, repairing mortar R4
Consumption: about 17-18 kg/m²/cm layer thickness

DSF 360
Brushable Waterproofing Slurry
Consumption: 2.5 - 4 kg/m² per two layers

8.3 PVC pipe bonding

Professional Series

ADVANTAGES: Gel - Does not Flow - Sets in 3 minutes

There are some cases that PVC pipes need to be bonded together, depending on the hydraulic system used.

Apply **THRAKON PVC BOND**, which is ideal because of the rapid and indissoluble bonding.

STEP 1: Open the packaging and get the amount of adhesive needed, with the specially designed attached brush.

STEP 2: After 1-2 minutes the adhesive has developed its strength, offering long-lasting bonding.

Products

THRAKON PVC BOND

NEW

Adhesive for PVC Pipes
Consumption: 250 ml / m² / layer

Product Presentation

A Cement based

DSF 350 FLEX

Flexible, 2- component, Brushable Waterproofing Slurry
For indoor and outdoor applications.
Consumption: 1.5 kg/m² per layer
Color: Grey, White

DSF 360

Brushable Waterproofing Slurry
DSF 360 is a brushable, cement-based, waterproofing slurry, modified by polymer additives for applications under both positive and negative pressures, for indoor and outdoor applications.
Consumption: 2.5 - 4 kg/m² per two layers, depending on the type of the surface.

DSF 300 FLEX HYDROSTOP

Elastomeric Waterproofing Membrane
DSF 300 Flex Hydrostop is a flexible, brushable, one-component, waterproofing membrane for waterproofing joint less and with no connections substrates, vertical or horizontal surfaces. Suitable for indoor and outdoor applications.
Consumption: 1.6-2 kg/m² per two layers, depending on the type of the surface.

DSF 353 SUPER ELASTIC

Highly Flexible, 2- component, Brushable Waterproofing Slurry
For indoor and outdoor applications.
Consumption: 1.5 kg per layer.

DSF 363 FIBERELASTIC

Flexible, Fiber-reinforced, Brushable Waterproofing Slurry
Flexible, fiber reinforced, brushable one-component sealing slurry, reinforced with special polymeric components, creating an absolutely tight, elastic and flexible membrane of high strength.
Consumption: 2 - 4 kg/m², two layers, depending on the waterproofing requirements.

DSF 370

Waterproofing Plaster
DSF 370 is a waterproof, one-component, cement based plaster that consists of high silica content for improved waterproofing properties. Provides thin layers on interior or exterior surfaces of buildings, underground spaces, canals and water tanks.
Consumption: 6 kg/m² per 3 m.

B Acrylic based

FLX 380 ROOF SEALER

Brushable, Elastomeric Waterproofing membrane
Highly flexible, acrylic based, one-component, brushable membrane. The white shade protects against ultraviolet radiation and heat transfer inside buildings.
Consumption: 1 kg/m² per two layer application depending on the type of the surface.

FLX 382 PLUS

Brushable, Elastomeric Waterproofing membrane with fibers
Ready to use, elastomeric waterproofing membrane with fibers. It has high resistance to moisture, UV radiation and peel. It exhibits great elasticity and is suitable for surfaces that are subject to contractions and expansions as well as vibrations. It is non-toxic. Does not create fungus.
Consumption: 1.0 - 1.3 kg/m² per 1mm thickness.

FLX 385 HYBRID

Hybrid, Brushable, Elastomeric Waterproofing membrane without solvents
Hybrid, waterproofing coating for roofs with UV cross linking system. New technology, roof waterproofing elastic membrane without solvents. High resistance to moisture, UV radiation and low temperatures.
Consumption: 0.8-1.5 kg/m², per two layer application.

C Polyurethane based

FLX 390 POROUS PRIMER

Transparent PU Primer for absorbent surfaces
One-component polyurethane primer, of high mechanical and chemical resistance. Stabilizer for absorbent surfaces.
Consumption: 0,2 kg/m² in one layer.

FLX 390 PU PRIMER

Transparent Epoxy Primer (2K) for Non-absorbent surfaces
Water based primer, deep penetration, two components. Used before the application of FLX 390 PU. Provides strong adhesion to non-absorbent substrates, resistance to mechanical stress, abrasion, common chemicals and detergents.
Consumption: 200 g/m² per layer.

FLX 390 PU

Brushable Polyurethane based elastic membrane (1K)
Brushable, elastic membrane (elasticity> 800%) polyurethane based, one-component used for long term waterproofing. Lifetime: 10 years. Uses: waterproofing roof, balconies and terraces, pots and flower beds, beneath paving on balconies, bathrooms, kitchens, swimming pools, etc, protecting the heat-insulating polyurethane foam. Walkability P3.
Consumption: 1.3-1.8 kg/m² applied in two or three layers.

FLX 390 TOP COAT

Brushable Polyurethane Elastic membrane (1K)
Brushable, elastic membrane (elasticity> 800%) polyurethane based - one component used for long term waterproofing. Lifetime: 10 years. Uses: waterproofing and roof terraces, balconies and terraces, pots and flower beds, beneath paving on balconies, bathrooms, kitchens, swimming pools, etc, protecting the heat-insulating polyurethane foam. Walkability P4.
Consumption: 120-150 g/m² applied in two or three layers.

INNER WATERPROOFING CORNER

Special item made of thermoplastic elastomer for waterproofing damp areas.

OUTER WATERPROOFING CORNER

Special item made of thermoplastic elastomer for waterproofing damp areas.

KF 12/7 & F12/7

Joint Sealing tapes
Elastic waterproofing tapes offered in two types:
Joint Sealing Tape F 12/7: Elastic, fleece-backed, sealing tapes for bridging movement joints, floor and wall intersections.
Joint Sealing Tape KF 12/7: Elastic, knitted fabric-backed, sealing tapes for bridging movement joints, floor and wall intersections in horizontal and vertical angles for increased waterproofing.

NEW

HYDRANT WATERPROOFING
Special item made of thermoplastic elastomer for waterproofing damp areas.

NEW

CHIFFON WATERPROOFING
Special item made of thermoplastic elastomer for waterproofing damp areas.

THRAKONtile
Extruded Polystyrene (XPS) Tiles

Innovative thermal insulating sandwich tiles, consisted from high-density XPS plates and cement based screed plate («tile»).
Dimensions: 300 x 300 mm x mm
Weight: 25.55 kg/m²
Delivery time: 7 days

D Impregnating

NEW

HYDRO R
Hydrophobic impregnation product

Ready to use, clear, water repellent, solvent-based, liquid, for permanent waterproofing of all kinds of inorganic substrates such as plaster, exposed concrete, exposed masonry, decorative bricks, tiles and tile joints, natural and artificial stones, tiles, etc.
It does not create film and is vapor permeable.
Consumption: 0,15 - 0,35 L/m² per coat, depending on the type of substrate.

NEW

Nanomolecular Product

NANOSHIELD 0
Nanomolecular product for protection of surfaces against oil

Product of nanomolecular structure that seals porous and slightly porous surfaces from oil stains, moisture infiltration, creating salts and prevents mold. At the recommended dosage it does not create film and does not cause aesthetic alteration to the application surface. Characterized by excellent penetration and has the advantage is rapidly absorbed from the substrate.
Consumption: 50-100 ml/m², depending on the absorbency of the substrate.

NEW

Nanomolecular Product

NANOSHIELD W
Nanomolecular product for protection of porous surfaces against moisture

Product of nanomolecular structure, which seals the absorbent surfaces from moisture and from the occurrence of salts, molds and fungi.
Consumption: 100-200 ml/m², depending on the absorbency of the substrate.

E Primers and admixtures

GLX 292 FLEX PRIM
Acrylic primer - High penetration

Ready to use micronized acrylic water-based primer with high penetration ability.
Consumption: 50-70 g/m² depending on surface porosity.

THRAKON LATEX 296
Polymer latex for multiple type improvement of mortars

Building acrylic admixture. Suitable for improving the properties of mortars such as: mechanical strengths, shrinkage, adhesion on various surfaces, flexibility, resistance to frost, permeability, resistance to friction, resistance to acids and workability. Recommended for cement and gypsum based mortars. Without organic solvents.
Consumption: Dilute with water.

STATUS
Acrylic Primer

Water-soluble, acrylic undercoat for emulsion paints, suitable for internal and external use. It has excellent adhesion and elasticity. Provides strong grip on the fi nal color and off ers signifi cantly great durability.
It is off white when packaged. After application, it becomes transparent.
Consumption: 15-20 m²/L concentrated liquid

STATUS DUR
Waterproof primer, solvent based

Transparent, solvent based, waterproof, primer for walls. Impregnates, stabilizes and waterproofs surfaces, while allowing them to breathe. It is the best preparation before painting vinyl or acrylic emulsions, Relief, paints for concrete or insulation boards.
Consumption: 12-14 m²/L

CARMYPOX EC-700
Epoxy Paint

Two component epoxy paint. It has high resistance to mechanical and chemical stresses. It is also highly resistant to oils, diesel, gasoline, acids and alkalis, and exhibits excellent adhesion to concrete and metal surfaces. Available in grey color RAL 7032 and can be produced in any color on request.
Consumption: 6-8 m²/kg

CARMYPOOL
Pool Paint

Two component polyurethane top coat for swimming pools. It's highly resistant to UV radiation and in acidic or alkaline environment.
It has excellent grip, absolute impermeability to water and high elasticity, protects the surface from cracking, peeling or chalking.
Can be exposed in direct sunlight even when the pool is empty, without chalking.
Consumption: 8-9 m²/L (for dry film 60m.)

GLX 298
Acrylic based primer for improving plaster adhesion strength

GLX 298 is an acrylic based primer ready to use. Replaces the traditional spray plaster. Consists of synthetic resins and quartz sand.
Consumption: 300-350 g/m²

STATUS DUR NEPOY
Waterproof primer, water based

Transparent, water based, waterproof, acrylic primer for walls. Impregnates, stabilizes and waterproofs surfaces, providing better grip for the final color.
Consumption: 15-20 m²/L

CARMYPOOL PRIMER
Primer for pool paint

Two component, epoxy primer for swimming pools and non-potable water tanks.
Consumption: 8-9 m²/L (for dry film 60m.)

CARMYSAIL PRIMER
Epoxy Primer

High quality epoxy primer with anti-osmotic properties.
Consumption: 7-9 m²/L (for dry film 50-60m.)

CARMYSAIL
Paint

Premium quality polyurethane paint.
Highly resistant to oil, grease and cleaning agents.
Consumption: 13-15 m²/L (for dry film 30-40m.)

F Sealants

ANTI-MOULD
Anti-mould Silicone

Silicone that protects against fungi causing mold, preventing blemishes and tans in a number of sensitive areas. UV resistant and weather conditions, from heat to frost.

SEAL POOL
Silicone for Permanent contact with water

SEAL POOL is a neutral silicone, suitable for applications permanently under water (e.g. pools). Resistant to chlorine. Capable of sealing joints of small or large width, in interior and exterior areas. Do not use in aquariums.
Consumption: Joint 5mm x 5mm: 12.5m per cartridge
Joint 10mm x 10mm: 3.1m per cartridge

ELASTO PU

Polyurethane Sealing mastic

ELASTO PU is a one component polyurethane for waterproofing and bonding mastic, without solvents. Excellent adhesion to all building materials, sealing joints that require high flexibility. For use in interior and exterior areas.

Consumption: Joint 5mm x 5mm: 12.5m per cartridge 310ml / 24m per alum. cartridge 600ml
Joint 10mm x 10mm: 3.1m per cartridge 310ml / 6m per alum. cartridge 600ml

ELASTO PU FLEX

Polyurethane Sealing mastic for vertical joints

Elastic, thixotropic, waterproofing and bonding mastic material, polyurethane based, one component. Excellent adhesion, high elasticity and resistance to common chemical and detergents.
For use in indoor and outdoor applications.

Consumption: Joint 5mm X 5 mm: 12.5m per cartridge 310ml/24m per alum 600ml.
Joint 10mn x 10mm: 3.1m per cartridge 310ml/6m per alum 600ml.

THRAKON PU FOAM

Polyurethane Foam - hand use

Self-inflatable, one-component polyurethane foam with excellent adhesion to wood, cement, stones, metals, etc. Suitable for applications such as: installation of windows and doors, filling holes, jamming masonry, seals openings in roofs and insulation materials, etc.

THRAKON PU GUNFOAM

Polyurethane Gun Foam

Self-inflatable, one-component polyurethane gun foam with excellent adhesion to wood, cement, stones, metals, etc. Suitable for applications such as: installation of windows and doors, filling holes, jamming masonry, seals openings in roofs and insulation materials, etc.

G Bituminous

BITU-STAR V (-5°C)

Bituminous, plastomeric waterproofing membrane whose asphalt mixture consists of refinery bitumen and thermoplastic polymers (IPP, APP). The film has glass fiber reinforcement, and an upper protection of polyethylene film. The bottom surface is covered by polyethylene film suitable for use with torch.

Weight: 3.0 kg / m².
Delivery Time: 5 days

BITU-STAR P (-5°C)

Bituminous, plastomeric, waterproofing membrane whose asphalt mixture consists of refinery bitumen and thermoplastic polymers (IPP, APP). The film has a reinforcement of non-woven polyester and an upper protection mineral granules with natural gray color. The bottom surface is covered by polyethylene film suitable for use with torch.

Weight: 4.0 kg / m².
Delivery Time: 5 days

PALLADIEN ALU (-20°C)

Bituminous, elastomer, sealant film of high quality, of which the asphalt mixture comprised of asphalt refinery elastomers (SBS). The membrane has a reinforcement of non-woven polyester and an upper protection foil. The lower surface is covered with polyethylene film suitable for use with torch.

Weight: 4.0 kg / m².
Delivery Time: 5 days

THRAKON BITU-PRIMER

Bituminous varnish

Bituminous varnish based on special bitumen and solvents.
The membrane generated after evaporation of the solvent offers protection against dilute acids or bases and various chemically aggressive liquids.
Not resistant to mineral oils.

THRAKON BITU-COAT

Bituminous water soluble emulsion

Bituminous water soluble emulsion in brown paste form. Prepared from asphalt and water combined with special additives. The film formed after evaporation of water is not attacked by dilute acids or bases and various chemical Kd corrosive liquids.
Not resistant to mineral oils.

BORNIT®-DREIECKSBAND

Flexible triangle tape

«BORNIT ®-Dreiecksband» is a flexible polymer bitumen tape with a triangular profile and has a right angle at one side. It is designed for a quick, perfect and simple sealing of joints, grooves and junctions between horizontal and vertical parts in construction and civil engineering.

H Tile Adhesives & Grouts

CARMYPOX EG-10

Epoxy adhesive-putty

Epoxy adhesive-putty, two components.

FMF 155

2-component epoxy grout
High resistance for special structures and business areas

FMF 155 is a two-component epoxy solvent-free tile grout, suitable for filling joints 2-12mm.
After setting, it offers high mechanical strength (compressive, flexural, adhesion) and resistance to chemicals (acids, alkalis, many organic solvents). Equally resistant to weathering, water and saline water. Classified as type CG2 WA grout, according to European standard EN 13888.
Available in packs of 3 kg (A: 2.82 kg - B: 0.18 kg).

GLX 190

Acrylic Primer with quartz sand grains for tile & mosaics

Adhesion primer that consists of synthetic resin, inorganic fillers and quartz sand with selected grain size. Increases the bonding strength of the tile adhesive on smooth and low absorbing surfaces.

Consumption: 0.4 kg/m² **Shade:** Yellow

THRAKON PROLEVELING SYSTEM

Tile leveling system

THRAKON Proleveling System is a revolutionary and innovative leveling system, for joints with a thickness between 3 to 40 mm. The system consists of two components:

1. T he screw-shaft connected vertically to the base in a way that allows easy adjustment speed cap during installation. Removal of the head is achieved once the tile adhesive that we have applied has matured. The same cover can be reused for many applications, ensuring economy in the application.
2. A leveling base (1-2-3-5 mm), with dividing notches as spacers
between them, allowing separation / union of any flooring type.

VKW 129

Super Elastic Tile Adhesive

Superplastic tile adhesive suitable for most demanding applications.

Consumption: 2-4 kg / m²

FMF 150 Tile Grout

Enhanced technical features and excellent workability

FMF 150 is a one component, polymer modified, cement based, tile grout produced with quartz sand. It is classified as type CG2 according to EN 13888. It is available in two types:

- Fine grain No. 301 - No 326: application thickness up to 5mm.
- Coarse grain No. 501 - No 525: application thickness 5-20mm.

Consumption: No. 301-326: 500-1500 g/m² – depending on the size of the plate and the joint.
No. 501-525: 300-1100 g/m² – depending on the size of the plate and the joint.

FMF 160 LUX

Porcelain grout

Grout with a characteristic chromatic homogeneity and stability and high mechanical strengths. It ensures sealing, achieving excellent water repellent properties and antifungal protection. Prevents the growth of microorganisms and the formation of fungus and salt stains on its surface. FMF 160 LUX is a fast setting grout and it is classified as type CG2 according to EN 13888.

Consumption: 0.2 - 2 Kg/m² (depending on the size of the plate and the joint).

THRAKON PVC BOND

Adhesive for PVC Pipes

Transparent, strong adhesive in gel form for unbreakable bonding of PVC pipes. Characterized by high resistance to temperature differences in contraction and aging. Available with integrated special brush in the cap.

Consumption: 250 ml / m² / layer.

VLX 181

Non-acid General Purpose Cleaner for joints and ceramic tiles

VLX 181 is a non-acid transparent general purpose cleaner for marble and tiles with lemon perfume. It cleans in depth, without causing any disaffects, and at the same time shines perfectly.

Consumption: 1 L/5 m² surface

VLX 182

Acid General Purpose Cleaner for joints and ceramic tiles

VLX 182 is an acid transparent liquid cleaner and shining aid for joints and ceramic tiles. Cleans, shines and maintains the colors of grout vibrant and shiny after application.

Consumption: 5.5 m²/L surface

I Repairing mortars

WRM 500
Fast setting repairing mortar

WRM 500 is a fast setting sealing mortar (3 minutes setting time). Cement based, non shrinkable and only requires water for its preparation.
Consumption: 1 kg yields approximately 0.6 L of ready to use mortar.

WRM 518
Fast setting repairing mortar R2

WRM 518 is a one-component, resinous, cement based, fast setting repairing material, type PCC R2 based on EN 1504-3.
Consumption: About 15 kg/m²/cm layer thickness.

WRM 520
Fast setting repairing mortar R3

WRM 520 is a top quality, one-component, cement based, fast setting (in 20 minutes),type CC R3, based on EN 1504-3, repairing product for concrete surfaces. Non-shrinking, shows excellent relevance with concrete. Consisting of special specifications cement, silicon resins and additives. Anticorrosion antioxidant activity.
Consumption: 25 kg of dry mortar yield approximately 13 lt of ready to-use mortar.

WRM 483 CEM COAT FINE
Extra Fine cementitious putty

Fine cementitious putty reinforced with special resins. With excellent workability, leaving a smooth finish, with high abrasion resistance, very good adhesion to the substrate, ready for painting.
Consumption: Approximately 1.3 kg/m2/mm thickness.

WRM 515 FIX
Repairing mortar R2

Repairing cement based product, one-component, type PCC R2 based on EN 1504-3. Suitable for repairs of concrete surfaces, masonry, plaster, construction ridges of roofs, gutters construction etc.
Consumption: About 15 kg/m²/cm layer thickness.
Gutter construction: 1.8 - 2.6 kg/m

WRM 525
High strength, fiber reinforced, repairing mortar R4

Premium quality and high strength, fiber reinforced, one-component, repairing mortar for concrete, type CC R4, based on EN 1504-3.
Consumption: about 17-18 kg/m²/cm layer thickness.

WRM 483 CEM COAT
Fine cementitious putty

Extra fine cementitious putty reinforced with special resins. With excellent workability, leaving a smooth finish, with high abrasion resistance, very good adhesion to the substrate, ready for painting.
Consumption: Approximately 1.3 kg/m2/mm thickness.

J Paints

STATUS 100%
Acrylic Putty

White putty for indoor and outdoor use in construction.
Can be used as filling material on surfaces made of plaster, wood, concrete e.t.c. It has easy application and when sanded it offers a smooth and durable surface without cracks.
Consumption: 400 g/m²

STATUS ALL WEATHER
Elastomeric Waterproof Facade Paint

STATUS All-weather is a pioneering product that dyes and isolates the exterior walls at the same time, ensuring absolute protection from the humidity and exceptional endurance. Its special composition creates a flexible membrane that covers all the veins and «monitors" the constrictions and dilations of the surface. Thanks to the built-in filters against the ultraviolet radiation it remains flexible without going off or peeling.
Consumption: 8-10 m²/L

STATUS
Kitchen & Bath

Antimould high quality emulsion paint with strong antifungal properties. It has excellent hiding power, high performance and easy implementation. It leaves a unique, rich mat finish that withstands washing and retains its color unchanged, giving the feeling of clean and freshly painted room for a long time.
Consumption: 12-15 m²/L

STATUS POLYPRIMER
Ecological multipurpose primer

Ecological water soluble multipurpose undercoat for interior and exterior use. Certified with Ecolabel. Easy to apply, has excellent hiding power and ensures high adhesion and a flawless end result.
Consumption: 10-12 m²/L

STATUS ONE COVER
Lightweight Acrylic Putty

White, ready to use, lightweight acrylic putty for indoor and outdoor surfaces. It is easily applied and does not crack. The surface can be painted as soon as the putty is dry.

K Drainage membranes

Neodrain SL28C
Drainage membranes

Powerful drainage membranes made of polyethylene with dimples. The thickness of the membrane is 0,5 mm and the density is 500g/m². The height of dimples is 8mm.

NSD 620
Lightweight, thermal insulating floor screed 3 - 20 cm

NSD 620 is a light, ready to mix mortar suitable for floor filling and leveling thermal insulating properties. Consists of cement, grains form crushed AAC, quartz sand of 3.5 mm max grain and admixtures.
Consumption: 10-11 kg/m² of dry mortar for 1 cm thickness.

L Reinforcement

WATERPROOFING FIBERGLASS MESH (70 g/m²)

Grid width 100 cm:
Fiberglass for strengthening universal sealant spreads (e.g. FLX 380, FLX 382, FLX 385) in particular tough cases of multiple cracking.
Weight: 70 g / m².
Open frames: 1 x 2 mm.

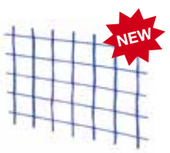
THRAKON FABRIC (60 g/m²)

Reinforcing geotextile for spreadable polyurethane sealants FLX 390 PU, either over the entire surface or in dangerous places such as cracks, expansion joints, floor-wall joints, chimneys.
Non woven reinforcing geotextile polyester 60 gr / m2. It is used to enhance sealing membrane spreadable FLX 390 PU. Applied in conjunction with the sealing film, Liquid applicators on the entire surface to be waterproofed, or topically in: connections (compounds) wall to floor connection (Associations) wall to wall, around drain pipes and chimneys, ceiling lights and air conditioners, water nozzle (siphon), angles of 90 degrees, in joints and over cracks, etc.

M Tools

TOOTHED SPATULA

Stainless steel spatula, with ergonomic handle, with dimensions 280 mm X 120 mm. Teeth size: 6 mm X 6 mm, 8 mm X 8 mm.



Fiberglass Mesh for flooring screeds 130 g / m²

Fiberglass Mesh for flooring screeds applications (net size: 40 mm X 40 mm).

THRAKON
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TECHNICAL SUPPORT

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