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RENOVATION & MAINTENANCE SYSTEMS & SOLUTIONS

68 COMPLETE SOLUTIONS WITH DETAILED REPAIRING INSTRUCTIONS FOR THE MOST COMMON PROBLEMS

- ✓ Permanent Repairing Solution
- ✓ Easy Application
- ✓ High Mechanical Strength Products
- ✓ Optimum Solution For Each Case
- ✓ Upgrade The Value Of Your Property

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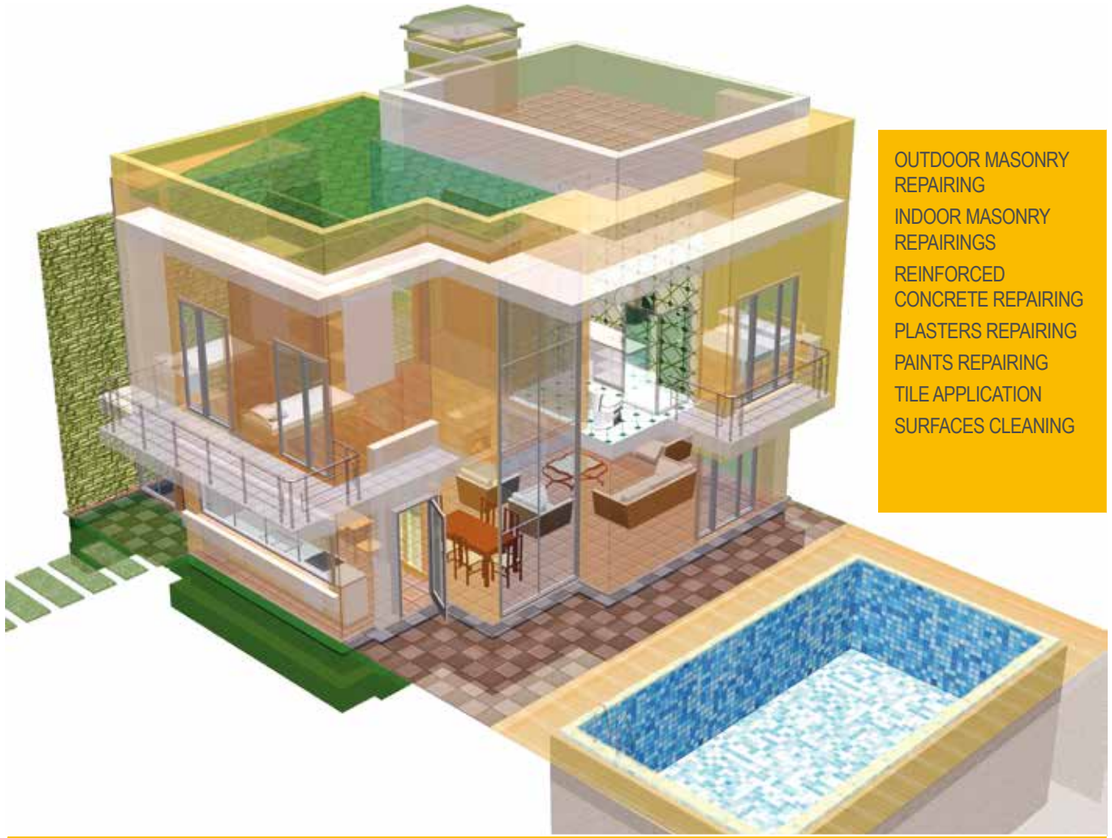


OUTDOOR MASONRY REPAIRING
INDOOR MASONRY REPAIRINGS
REINFORCED CONCRETE REPAIRING
PLASTERS REPAIRING
PAINTS REPAIRING
TILE APPLICATION
SURFACES CLEANING

Older constructions often require the need for maintenance in order to repair some problems that have appeared through time. With the necessary repairs on masonry (inside and outside), on reinforced concrete, on plasters, paints, etc, problems can be solved and construction may be renewed and upgraded.

Moreover, after a period of time restoration is a critical need. **THRAKON** offers complete solutions consisted of high quality and efficiency systems, in order to make the renovation process a safe and guaranteed solution, durable in time.

THRAKON products are certified accordingly with European Norms, covering the needs of the most demanding applications.

The present brochure is a presentation of indicative problems that have to do with repairs most constructions usually confront.

THRAKON strongly recommends to contact us, via email (info@thrakon.gr) in order to discuss about your problem and give the best possible solution for its restoration.

1.0 Outside masonry repairing

1.1 Corroded steel repairing

DIY

ADVANTAGES: Easy in Application - Very High Mechanical Strength

Problems on plasters, could create big problems, through time, with moisture playing a major role in this.

Problems could affect reinforcement, with moisture attacking steel and causing corrosion.

STEP 1: Remove with a spatula all loose particles of plaster and concrete. Then, clean thoroughly the surface with a brush, from dust and other particles.

STEP 2: Apply anticorrosive primer **WRM 510** on steel reinforcement, with a brush.

STEP 3: Spray the surface of application with water.

STEP 4: Apply the fiber-reinforced, high strength (R4) repairing product **WRM 525**, with a spatula. Application thickness should not exceed 4 cm.

For structuring corners, either use a corner-shaped spatula, or two spatulas together (pic). **WRM 525** offers excellent bonding strength making it easy to structure a corner.

WRM 525 is a premium quality repairing product, fiber reinforced, offering high strength (R4), making it appropriate for repairing old or new, reinforced or not concrete. It is suitable for the restoration of damages on concrete. It can be applied either by pouring it with a trowel/spatula or by spraying it on the surface to be repaired. It is non-shrinking, with excellent bonding with concrete, while it develops rapidly its mechanical properties.

Products

WRM 510
Anticorrosive primer for steel reinforcement
Consumption: 20 kg/m² for two coats.

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

1.2 Crack on plaster repairing

DIY

ADVANTAGES: High Flexibility - Permanent Protection against Moisture

STEP 1: Identify the crack of concern.

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

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

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

STEP 5: Smoothen the applied product. Smoothing must be made before the applied product dries out.

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.

1.3 Crack on masonry repairing (when masonry in contact with bearing structure)

DIY

ADVANTAGES: Easy in Application - Permanent Protection against Moisture

STEP 1: Start by widening the crack by 15 cm, vertically.

STEP 2: Clean surface from dust and loose particles with a brush.

STEP 3: Spray the area of application with water, to increase bonding.

STEP 4: Apply the fast setting (20') repairing product **WRM 520**, which offers high strength (R3).

STEP 5: Apply the first layer of the fast setting reparing plaster **WRM 550**. Before the plasters gets dried, reinforce it by pressing **THRAKON**'s **repairing fibreglass mesh** (223 g/m²).

STEP 6: When the first layer of **WRM 550** is dried, apply another layer of **WRM 550**, on top of the fiberglass mesh, in order to level the area.

STEP 7 →

Products

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

WRM 550
Fast setting repairing plaster
Consumption: 13-14 kg/m² for 1cm thickness.

STEP 7: When **WRM 550** has dried, smoothen it with a sponge trowel.

STEP 8: Prime the surface with **STATUS DUR**, solvent based primer.

STEP 9: Apply **STATUS ALL WEATHER** in two layers.

1.4 Crumbled and detached plaster repairing

DIY

ADVANCTAGES: Repairing and on the same time Permanent Protection against Moisture

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

STEP 1: Remove crumbled plaster with a spatula and clean thoroughly the surface from dust.

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

STEP 3: Apply fast setting **WRM 520** on the surface of application. Wait 20 minutes to get dried.

STEP 4: Apply **WRM 483 CEM COAT** which is a cementitious putty.

STEP 5: Once **WRM 483 CEM COAT** has dried, proceed to rubbing of surface.

STEP 6: Apply deep penetration primer, **GLX 292 FLEX PRIM**.

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

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.

Products

WRM 483 CEM COAT FINE

Extra Fine cementitious putty

Consumption: Approximately 1.3 kg/m²/mm thickness.

WRM 483 CEM COAT

Fine cementitious putty

Consumption: 1.3 kg/m²/mm thickness.

1.5 Small hair-cracks on plaster repairing

DIY

ADVANTAGES: High Flexibility - Permanent Protection against Moisture

There are cases of small hair cracks existing on the surface of plaster. They should be covered with a product be flexible enough to withstand thermal expansions, protecting our masonry.

STEP 1: Clean thoroughly the surface from dust and loose particles, with a brush.

STEP 2: Priming of surface with **STATUS DUR**, solvent based primer.

STEP 3: As soon as primer gets dried, fix irregularities of surfaces by covering small cracks with **STATUS 100% ACRYLIC PUTTY**.

STEP 4: If there are bigger levelling needs, please apply **STATUS ONE COVER**.

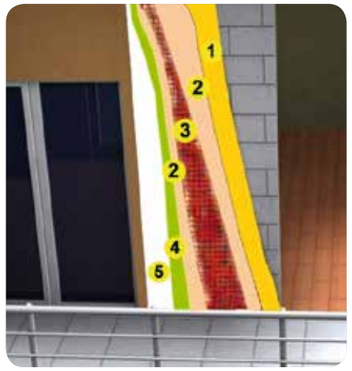
STEP 5: Application of **STATUS ALL WEATHER** in two layers.

Professional Series

1.6 Widespread cracked plasters repairing

ADVANTAGES: High Flexibility - Plastering System against Cracks

When the plaster surface of the masonry is widespreadly cracked, then the ideal solution for repairing it is the Flexible Fiber-reinforced Plastering System that **THRAKON** offers.



STEP 1: Clean thoroughly with a brush, the surface from dust loose particles.

STEP 2: Start repairing the cracked surface with the fast setting, repairing mortar **WRM 520** (R3).

STEP 3: Prime the surface with deep penetration primer, **GLX 292 FLEX PRIM** (1).

STEP 4: Apply the first layer of fiber-reinforced, base coat, **THC 410** (2).

STEP 5: As long as **THC 410** is still wet, firmly **CLIMAPLUS fiberglass mesh (160 g/m²)** (3).

STEP 6: Then, apply a second layer of fiber-reinforced, base coat, **THC 410**, in order to completely cover the mesh (2).

STEP 7: Prime the surface of application with the colored acrylic primer **GLX 494 PRIM** (4).

STEP 8: Apply the organic acrylic based top coating **DEC 428**, at the color tone of our selection from **CLIMAPLUS** fan deck.

ATTENTION: In case that the application is at a seaside area or area with high moisture content, **THRAKON** suggests the application of our silicone system. In such case, proceed to the following steps:

STEP 7: Prime the surface with the colored silicone based primer **GLX 498 SIL PRIM** (4).

STEP 8: Application of organic silicone based top coating **DEC 438**, at the color tone of our selection from **CLIMAPLUS** fan deck.

Products

STATUS 100% Acrylic Putty

Consumption: 400 g/m²

STATUS ALL WEATHER

Elastomeric Waterproof Facade Paint

Consumption: 8-10 m²/L

1.7 Common problems and solutions

	Problem	Possible Causes	Solution
	Cracks on plaster like a web shape.	a) Plaster was applied during low temperature conditions b) Plaster had a lot of water (during mix)	Application of Flexible Fiber-reinforced Plastering System (§ 1.6).
	A crack appears on plaster at the corner (usually diagonally).	No application of diagonal fiberglass mesh, for reinforcing plaster at the corners of openings (windows, doors)	1: Widening of crack at 3cm depth. 2: Levelling of surface with **STATUS ONE COVER**. 3: Application one layer of **THC 410C**. 4: Application of fiberglass mesh, before **THC 410C** gets dried (on the opposite direction of the opening). 5: Application of repairing plaster **WRM 550**.
	Having built with AAC blocks, after plastering, horizontal and vertical cracks appear on the joints of the blocks.	a) Application of final coat plaster directly on AAC blocks. b) Application was not made with the proper tools	Application of Flexible Fiber-reinforced Plastering System (§ 1.6).
	Polyurethane Membrane applied on top of terrace became yellow from white.	No top coating applied (aliphatic polyurethane coating)	1: Clean dirt from surface with water under pressure. 2: Mop surface with **STATUS LS-703** solvent. 3: 3 - 4 hours later apply one coat of **FLX 390 PU**. 4: When **FLX 390 PU** is dried (and not after 12 hours) we proceed with application of **FLX 390 TOP COAT**.
	Polyurethane membrane applied on top of terrace has bubbles at some points of application.	Entrapped moisture content at substrate	1: Cut bubbles with a spatula or a knife. 2: Mop surface with **STATUS LS-703** solvent. 3: 3 - 4 hours later apply one coat of **FLX 390 PU**. 4: When **FLX 390 PU** is dried (and not after 12 hours) proceed with application of **FLX 390 TOP COAT**.

Products

THC 410 C
Coarse-grained, flexible, fiber reinforced, adhesive – plaster
Consumption: 3.0 - 4.0 kg/m².

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

	Problem	Possible Causes	Solution
	Spots appear locally on polished cement screed (waxed concrete).	a) Possible entrapped moistrure content on substrate b) Varnish was applied too early, entrapping moisture in substrate c) Bad choice of varnish (water varnish chosen in wet areas instead of polyurethane varnish). d) Bad application of varnish.	1: Surface rubbing with an electric sander in order to remove varnish. 2: Leave surface as long as it is needed for moisture to be evaporated. 3: Apply **GLX 292 FLEX PRI**M. 4: Apply **DECOR PU VARNISH** (mat or gloss) in two coats. Second coating applied after first one is dried. In case of upcoming moisture to remove polished cement screed and proceed to waterproofing substrate with **DSF 353 SUPER ELASTIC** before application of **DECOR**.

Inside areas repairing 2.0

DIY

Cracks restoration at door/window frames 2.1

ADVANTAGES: Easy in Application - High Flexibility

STEP 1: Widen the crack by 3-4 mm with a spatula.

STEP 2: Thoroughly clean the surface from dust.

STEP 3: Protect surrounding area by applying a paper tape around the area of application.

STEP 4: Apply the polyurethane sealing mastic **ELASTO PU FLEX**, which is ideal for vertical applications.

STEP 5: Level **ELASTO PU FLEX** with our finger, before it gets dried.

STEP 6: Before **ELASTO PU FLEX** gets dried, remove the paper tape.

STEP 7: As soon as **ELASTO PU FLEX** gets dried, it can be painted. **STATUS POLYPRIMER** should be used before painting the sealing mastic.

Products

ELASTO PU FLEX
Polyurethane Sealing mastic for vertical joints
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.

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

2.2 Crack restoration on plaster

DIY

ADVANTAGES: Easy in Application - Durable solution

When a crack is on the surface of plaster and masonry is not affected, it can be restored with no particular problems.

STEP 1: Widen the cracks and remove of dust and loose particles.

STEP 2: Clean thoroughly the crack opening, with a brush, from dust and loose particles.

STEP 3: Apply the lightweight acrylic putty **STATUS ONE COVER**, with a spatula, over the crack opening.

STEP 4: Level **STATUS ONE COVER** with a spatula.

STEP 5: Apply **GLX 292 FLEX PRIM**, deep penetration primer.

STEP 6: Apply **STATUS ECO**, ecological emulsion paint, in two coats.

2.3 Covering electric applications

Professional Series

ADVANTAGES: Easy in Application - Durable solution

In restorations, there is often the need of moving an existing electical socket or creating new electric or hydraulic supply. In these cases you should apply the following method for restoring the wall.

STEP 1: Clean thoroughly the surface of application from dust and loose particles, irregularities, etc. Then, spray water on the surface.

STEP 2: Filling of gap should be done with fast setting repairing product **WRM 518** (R2).

STEP 3: Before **WRM 518** starts getting dry, engrave it diagonally for increased bonding and easier application.

STEP 4

Products

STATUS ONE COVER
Lightweight Acrylic Putty

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

STEP 4: Apply **WRM 483 CEM COAT FINE**, an extra-fine cementitious putty.

STEP 5: Leveling of surface with a spatula, removing the material in excess.

STEP 6: Leave **WRM 483 CEM COAT FINE** to get dried and rub with a wet sponged trowel for making the surface smoother.

STEP 7: Apply **GLX 292 FLEX PRIM**, deep penetration primer.

STEP 8: Apply **STATUS ECO**, ecological emulsion paint, in two coats.

STATUS ECO is a premium quality ecological emulsion paint. It is odourless, easily cleaned and sustains frequent washing and little scratches.

Professional Series

2.4 Surfaces Puttying

ADVANTAGES: Super fine finish - Easy to clean

STEP 1: Thorough cleaning of surface from dust by using a metal brush.

STEP 2: Preparation of mixture by placing the required amount of **DEC 470** in a clean bucket. Then add water gradually, while you stir the content of the bucket.

STEP 3: Apply **DEC 470**, with a spatula, in two coats.

STEP 4: After 10 - 12 hours, rub the surface with a wet sponged trowel for making the surface smoother.

STEP 5: Apply **GLX 292 FLEX PRIM**, deep penetration primer.

STEP 6: Apply **STATUS ECO**, ecological emulsion paint in two coats.

Products

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

NEW

STATUS ECO
Premium Ecological Mat Emulsion
Consumption: 12-15 m²/L

2.5 Levelling plastered walls

DIY

ADVANTAGES: Easy in Application

STEP 1: Clean surface from loose particles with a spatula and then clean throughly surface with a brush.

STEP 2: Application of **STATUS 100% Acrylic Putty**. For bigger gaps **STATUS ONE COVER** should be used.

STEP 3: Press putty applied with a spatula and remove material in excess. Then rub surface with a sand paper.

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

STEP 5: Apply **STATUS ECO**, ecological emulsion paint, which can be easily cleaned, in two coats.

2.6 Replacing parquet floor with tiles

Professional Series

ADVANTAGES: High Mechanical Strength - High Flexibility

Frequently, in renovations, existing wooden floor could be removed and replaced with ceramic tiles.
STEP 1: Remove wooden floor and clean thoroughly from dust and other particles.

STEP 2: Application of **GLX 292 FLEX PRIM**, deep penetration primer, on concrete surface.

STEP 3: Leveling is needed in order to determine maximum thickness of application, while following the necessary guides.

STEP 4: Application of lightweight flooring screed **NSD 620**, which can be applied at a maximum thickness of 30 cm (wet-on-wet, 10 cm per layer).

STEP 5: Apply lightweight, thermal insulating floor screed **NSD 620** before it gets dried.

STEP 6: When **NSD 620** has dried, proceed with the application of self-leveling screed **NSF 610** (up to 10 mm).

Products

NSD 620 **Lightweight, thermal insulating floor screed 3 - 20 cm**
Consumption: 10-11 kg/m²/cm

NSF 610
Self-levelling floor screed up to 10 mm
Consumption: 18 kg/m² for 1 cm thickness.

NSF 610 is ideal for preparation of substrates before tile application. For bigger thickness applications use of **NSF 611** (1 - 4 cm) is suggested.

Spiky roll is used for removing bubbles which might be created during application of self-leveling screeds. Then, proceed with tile applicaiton. We recommend the one-component, super-elastic tile adhesive (S2), **VKW 129**, which is ideal for demanding applications, like areas with permanent moisture content and heavy expansions and contractions.

Reinforced concrete repairing 3.0

Professional Series

Damaged plaster repairing 3.1

ADVANTAGES: Excellent Repairing Solution - Durable solution

STEP 1: Remove all loose particles of plaster, before replacing it. Proceed to corroded steel.

STEP 2: Remove all rust and dust from reinforcement of concrete with a steel brush.

STEP 3: Apply **WRM 510** with a brush, for protecting steel against corrosion.

STEP 4: After 10 minutes, and since **WRM 510** has dried, spray water on surface to increase bonding.

STEP 5: Application of **WRM 525** with a trowel, by pressing it, with a maximum thickness of 4 cm.

STEP 6: In some occasions we might have to proceed to removing plaster from the whole surface of roof.

STEP 7: Clean thoroughly surface from dust and loose particles.

STEP 8: Prime surface with **GLX 298**, using a roll or brush.

STEP 9: Apply spray plaster **SHP 205**.

STEP 10

Products

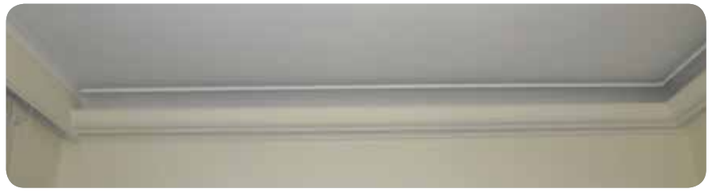
WRM 510
Anticorrosive primer for steel reinforcement
Consumption: 20 kg/m² for two coats.

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

STEP 10: Apply **NHP 250** one coat white plaster with marble.

STEP 11: Rub the surface with a sponged trowel.

STEP 12: In case finer surface is required, use the **DEC 470 FINE** putty.



DEC 470 is an extra fine putty, ideal for indoor or outdoor applications. Leaves an extra fine surface, without lines, bubbles or bursts after drying.

4.0 Paints restoration

4.1 Common problems for outdoor surfaces

	Problem	Possible Causes	Solution
	Paint has loose particles - bubbles - blows.	a) Bad quality paint application b) Only one coat application of paint c) Probably there is a problem with plaster d) Probable potential moisture content on substrate	1: Remove all loose particles with a sandpaper and then clean surface thoroughly. 2: Application of **STATUS 100% ACRYLIC PUTTY** where needed. 3: Priming of surface with **STATUS DUR** solvent based. 4: Application of **STATUS ALL WEATHER**, in two coats.
	Paints has started turning into white powder.	Moisture on substrate, coming from: a) Lack of waterproofing (upcoming moisture) b) Lack of waterproofing (moisture coming from the back side of the wall) c) Some small hair-cracks on plaster caused humidity coming in from paint	1: Remove all loose particles with a sandpaper and then clean surface thoroughly with a brush. In case of moist substrate, leave to dry. 2: Application of **STATUS 100% ACRYLIC PUTTY** where needed. 3: Priming of surface with **STATUS DUR** solvent based. 4: Application of **STATUS ALL WEATHER**, in two coats.

Products

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

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

	Problem	Possible Causes	Solution
	Paint peels off.	a) Bad quality paint application b) Only one coat of paint application c) Probable hair-cracks on plaster d) Application during forbidding conditions (high temperature) e) Incomplete cleaning of substrate	1: Remove all loose parts with a sandpaper and then clean surface thoroughly. 2: Apply **STATUS 100% ACRYLIC PUTTY** where needed. 3: Prime the surface with **STATUS DUR** solvent based. 4: Apply **STATUS ALL WEATHER**, in two coats.
	Cracks appearance (< 1.2 mm).	a) Bad quality paint application b) Only one coat application of paint c) Probable hair-cracks on plaster d) Application during forbidding conditions (high temperature) e) Incomplete cleaning of substrate f) Probably there is a problem on substrate g) Probably there is no mesh applied when concrete comes in contact with brickwork	1: Remove all loose particles with a sandpaper and then clean surface thoroughly. In case of a bigger crack (> 2 mm), due to lack of fiberglass mesh, repair crack following directions at step 1.2. 2: Apply the **STATUS 100% ACRYLIC PUTTY** where needed. 3: Prime the surface with **STATUS DUR** solvent based. 4: Apply **STATUS ALL WEATHER**, in two coats.
	Bubbles appear on paint.	Adhesion problem coming from: a) Possible rainfall shortly after application b) Possible high moisture content on substrate c) Painting application during forbidding conditions (high temperature)	1: Remove all loose particles with a sandpaper and then clean surface thoroughly. 2: Apply **STATUS 100% ACRYLIC PUTTY** where needed. 3: Prime the surface with **STATUS DUR** solvent based. 4: Apply **STATUS ALL WEATHER**, in two coats.
	Colour tone is different in some parts.	a) Application of bad quality paint b) Paint was extremely dilluted c) Bad primer used d) Bad application of painting e) Probable painting over silicone, without primer	1: Priming of surface with **STATUS DUR** solvent based. 2: Application of **STATUS ALL WEATHER**, in two coats.

Products

STATUS 100% **Acrylic Putty**
Consumption: 400 g/m²

STATUS ONE COVER
Lightweight Acrylic Putty

	Problem	Possible Causes	Solution
	Putting can be seen behind paint.	a) Bad quality paint application b) Putty bad application c) Primer bad selection d) Painting application without any primer used before	1: Prime the surface with **STATUS DUR** solvent based. 2: Apply **STATUS ALL WEATHER**, in two coats.
	Paint has not covered homogenously the surface.	a) Bad quality paint application b) Paint was dilluted too much before application	1: Apply **STATUS ALL WEATHER**, in two coats.
	After painting, vertical lines appear on surface.	Application during forbidden weather conditions (high moisture content)	1: Clean surface with water under pressure and leave surface to dry. 2: Apply **STATUS ALL WEATHER**, in two coats.
	Paint fades out at some parts of application.	a) Bad selection of paint (not resistant to moisture) b) Application of intense tone, tinted with a paint that is not resistant to UV Radiation (flexibility and resistance).	1: Prime the surface with **STATUS DUR** solvent based. 2: Apply **STATUS ALL WEATHER**, in two coats.
	Paint has wrinkled in parts of application.	a) Application during forbidding conditions (high moisture content) b) Surface was influenced from weather conditions before it got dried c) Application was made in very thick coats	1: Remove all loose particles with a spatula. 2: Clean surface thoroughly with a brush. 3: Prime the surface with **STATUS DUR** solvent based. 4: Apply **STATUS ALL WEATHER**, in two coats.
	There is no good hiding power at some parts of wall, after application of paint.	a) Bad quality paint application b) Paint was dilluted too much before application c) Application was made with poor quality tools d) There are cases where 3-4 coats of paint must be applied	1: Application of **STATUS ALL WEATHER**, in two coats.

Products

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

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

Common problems for indoor surfaces 4.2

	Problem	Possible Causes	Solution
	Mold, ache or humidity appears at lower parts of construction.	Moisture on substrate, coming from: a) possible leakage inside the wall b) lack of waterproofing (moisture coming from the back side of the wall) c) some small hair-cracks on plaster caused humidity coming in from paint d) Increased moisture content in the environment of room	1: Remove all loose parts with a sandpaper and then clean surface thoroughly. 2: Repair substrate (repairing of moisture or water leakage, depending on problem). 3: Prime the surface with **STATUS POLYPRIMER**. 4: Apply **STATUS KITCHEN & BATH**, in two coats.
	Black spots appear on surface (mainly on roofs or walls oriented northern).	a) No thermal insulation (wall oriented northern) b) Increased moisture content in the environment of room	1: Remove all loose parts with a sandpaper and then clean surface thoroughly. 2: Repair substrate if needed (repairing of moisture or water leakage, depending on problem). 3: Prime the surface with **STATUS POLYPRIMER**. 4: Apply **STATUS KITCHEN & BATH**, in two coats.
	Paint peels off.	a) Bad quality paint application b) Application of only one coat of paint c) Bad preparation of substrate (primer choice or application method) d) Application during forbidding conditions (high temperature) e) Incomplete cleaning of substrate	1: Remove all loose particles with a sandpaper and then clean surface thoroughly. 2: Apply **STATUS 100% ACRYLIC PUTTY** where needed. 3: Prime the surface with **STATUS POLY-PRIMER**. 4: Apply **STATUS ECO**, in two coats.
	Puttied parts of wall appear blow outs after painting.	a) Bad quality paint application b) Application of only one coat of paint c) Bad preparation of substrate (primer choice or application method) d) Bad quality putty applied on substrate before painting	1: Remove all loose parts with a sandpaper and then clean surface thoroughly. 2: Apply **STATUS 100% ACRYLIC PUTTY** where needed. 3: Prime the surface with **STATUS POLY-PRIMER**. 4: Apply **STATUS ECO**, in two coats.

Products

STATUS POLYPRIMER
Ecological multipurpose primer
Consumption: 10-12 m²/L

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

Problem	Possible Causes	Solution
Painted surface leaves marks on our hands when rubbed.	Bad quality paint application	1: Prime the surface with **STATUS POLYPRIMER**. 2: Apply **STATUS ECO**, in two coats.
Stains from putty appear on painted surface.	a) Selection of paint with low hidding power b) Puttied surface has not been primed before painting c) Paint was extremely dilluted d) Bad putting application	1: Prime the surface with **STATUS POLYPRIMER**. 2: Apply **STATUS ECO**, in two coats.
Painted surface leaves marks of paint on sponge or cloth when cleaned.	a) Bad quality paint application b) Very hard sponge used c) Very strong cleaning agent used d) Paint was extremely dilluted	1: Apply **STATUS ECO**, in two coats.
Inflation marks appear on painted surface.	a) Application during forbidding conditions (high temperature) b) Possible leakage inside wall c) Bad quality of plaster created such blow outs	1: Remove all loose parts with a sandpaper and then clean surface thoroughly. In case of moisture content existing on substrate, leave to dry. 2: Apply **STATUS 100% ACRYLIC PUTTY** where needed. 3: Prime surface with **STATUS POLYPRIMER**. 4: Apply the **STATUS ECO**, in two coats.
Painted surface turns yellowish or spots appear.	a) Increased moisture content in the room (bathroom, kitchen etc) b) Room used from smokers and is not properly aired c) The surface is close to a heater, radiator or fireplace	1: Prime the surface with **STATUS POLYPRIMER**. 2: Apply **STATUS KITCHEN & BATH**, in two coats.

Products

STATUS POLYPRIMER
Ecological multipurpose primer
Consumption: 10-12 m²/L

STATUS ECO
Premium Ecological Mat Emulsion
Consumption: 12-15 m²/L

Problem	Possible Causes	Solution
During painting bubbles apeear on surface, while they leave small wholes when they blow.	a) Application was made with bad tools (roll, brush etc) b) The application with roll was made too fast c) Bad quality paint application d) Application of satin paint on porous surface without primer	1: Remove all loose parts with a sandpaper and then clean surface thoroughly. 2: Apply **STATUS 100% ACRYLIC PUTTY** where needed. 3: Prime the surface with **STATUS POLYPRIMER**. 4: Apply **STATUS ECO**, in two coats.
After application I can see marks from brush or roll.	a) Application was made with bad tools (roll, brush etc) b) The application with made with a lot of cross overs (more than the rest of the surface) at the same point (brush or roll) c) Bad quality paint application	1: Remove all loose parts with a sandpaper and then clean surface thoroughly. 2: Apply **STATUS 100% ACRYLIC PUTTY** where needed. 3: Prime the surface with **STATUS POLYPRIMER**. 4: Apply **STATUS ECO**, in two coats.

Common problems for metal surfaces 4.3

Problem	Possible Causes	Solution
Paint peels off application surface.	a) Bad quality paint application b) Lack of cleaning on substrate (dust, loose parts etc) c) Bad preparation of substrate (bad application or no primer at all)	1: Remove all loose parts with a sandpaper or steel brush and then clean surface thoroughly. 2: Apply one coat of **STATUS RUST PRIMER** or **STATUS BUILDING PRIMER**. 3: Apply **STATUS DUKO**, gloss, extra strong enamel paint, in one or two coats.
Paint comes off metal surface.	a) Application with bad quality paint b) Lack of cleaning on substrate (dust, loose parts etc) c) Bad preparation of substrate (bad application or no primer at all) d) Application made without having rubbed metal surface e) Application made before primer got dried f) Application made in very thin coat	1: Remove all loose parts with a sandpaper or steel brush and then clean surface thoroughly. 2: Apply one coat of **STATUS RUST PRIMER**. 3: Apply **STATUS DUKO**, gloss, extra strong enamel paint, in one or two coats.
Paint stays on our hand when rubbed or cleaned with wet sponge.	a) Paint has been exposed to solar radiation b) Paint was extremely dilluted c) Lack of cleaning on substrate (dust, loose parts etc) d) Application during forbidding conditions (high temperature)	1: Remove problematic paint, with a sandpaper or steel brush in order to completely remove rust. 2: Apply **STATUS DUKO**, gloss, extra strong enamel paint, in one or two coats.

Products

STATUS RUST PRIMER
Anticorrosive Primer
Consumption: 10-12 m²/L

STATUS DUKO
Gloss Enamel Paint
Consumption: 13-15 m²/L

Problem	Possible Causes	Solution
Bubbles appear during application.	a) Bad quality paint application b) Application was not made with proper tools (brush, roll etc) c) Application made in extreme conditions (high temperature) d) Proper solvent was not used	1: Rub surface with a sandpaper. 2: Apply **STATUS DUKO**, gloss, extra strong enamel paint, in one or two coats. **WHITE SPIRIT** is suggested to be dilluted with **STATUS DUKO**.
Takes too much time for varnish to get dried.	a) Application at a very thick coat of paint b) Application made on surface with existing oil remains	Apply **STATUS DUKO**, gloss, extra strong enamel paint, in one or two coats.
After application I can see marks from brush on surface.	a) Bad quality paint application b) Application was not made with proper tools (brush, roll etc) c) Application made in extreme conditions (high temperature) d) Second coat applied without the first coat having dried	1: Rub surface with a sandpaper. 2: Apply **STATUS DUKO**, gloss, extra strong enamel paint, in one or two coats. **WHITE SPIRIT** is suggested to be dilluted with **STATUS DUKO**.
Varnish applied fade out after a short period of time.	a) Normal wear down because of sufficient time passed after application b) Application was not made with proper tools (brush, roll etc) c) Surface is constantly exposed on hard weather conditions (extreme temperatures, solar radiation etc).	1: Rub surface with a sandpaper. 2: Apply **STATUS DUKO**, gloss, extra strong enamel paint, in one or two coats.
Varnish applied starts getting wrinkled.	a) Application at a very thick coat of paint b) Second coat applied without the first coat having dried c) Proper solvent was not used d) Application made in extreme conditions (high temperature)	1: Rub surface with a sandpaper. 2: Apply **STATUS DUKO**, gloss, extra strong enamel paint, in one or two coats. **WHITE SPIRIT** is suggested to be dilluted with **STATUS DUKO**.
After application, paint starts «running» in various spots.	a) Application at a very thick coat of paint b) Second coat applied without the first coat having dried c) Paint was extremely dilluted d) Application made in extreme conditions (high temperature)	1: Rub surface with a sandpaper. 2: Apply **STATUS DUKO**, gloss, extra strong enamel paint, in one or two coats. **WHITE SPIRIT** is suggested to be dilluted with **STATUS DUKO**.
Paint applied on railings said was suitable for application on rust, but rust has started rising again, while in some spots paint peels off.	a) Very thin coat of paint application b) Bad quality of paint application c) Substrate bad preparation	1: Rub surface with a sandpaper. 2: Apply **STATUS RUSTBLOCK** or **STATUS RUSTBLOCK HAMMER FINISH**, which is an integrated paint which guarantees strong protection against rust on every metal surface, preventing its reappearence.

Products

STATUS DUKO
Gloss Enamel Paint
Consumption: 13-15 m²/L

STATUS RUSTBLOCK
Hammer finish Anticorrosive Enamel Paint
Consumption: 6-8 m²/L

Problem	Possible Causes	Solution
Paint has loose particles - bubbles - blows.	a) Bad preparation of substrate b) Application of bad quality of paint c) Bad application of paint d) Application made on surface that had already too many coats previously applied	1: Rub surface with a sandpaper and remove all loose parts. 2: Clean thoroughly surface from dust. 3. Apply **STATUS POLYPRIMER**, an ecological multi-purpose primer. 4: Apply the ecological water based enamel paint **STATUS AQUADROP**, which has great hidding power, easy application, does not stain and is completely odorless.
Having applied enamel paint for wooden surfaces, we see that there are local differences in tone or gloss.	a) Bad preparation of substrate b) Paint was extremely dilluted	1: Rub surface with a sandpaper and remove all loose parts. 2: Clean thoroughly surface from dust. 3. Apply the ecological water based enamel paint **STATUS AQUADROP**, which has great hidding power, easy application, does not stain and is completely odorless. Alternatively, you can use **STATUS ENAMEL PAINT FOR WOODEN SURFACES**, which has excellent quality, perfect workability and great hidding power.
Paint removed by hand or gets scratched very easily.	a) Bad preparation of substrate b) Application of bad quality enamel paint for wooden surfaces c) Bad application of paint d) Application made in extreme conditions (low temperatures, big moisture content)	1: Remove paint with water (if product used is water based) or with **LS-735** (Nitro solvent). 2: Apply the ecological water based enamel paint **STATUS AQUADROP**, which has great hidding power, easy application, does not stain and is completely odorless. ** For wood varnishes, protective water based **STATUS AQUAWOOD** should be applied.
Having applied a white solvent based enamel paint, the wooden surface turns yellowish.	a) Application of bad quality enamel paint for wooden surfaces b) Painted surface is in a room of smokers c) Painted surface is in a room with low or no light (basement) d) Normal corrosion through time	1: Rub surface with a sandpaper and remove all loose parts. 2: Clean thoroughly surface from dust. 3. Apply **STATUS POLYPRIMER**, an ecological multi-purpose primer 4: Apply the ecological water based enamel paint **STATUS AQUADROP**, which has great hidding power, easy application, does not stain and is completely odorless.

Products

STATUS POLYPRIMER
Ecological multipurpose primer
Consumption: 10-12 m²/L

STATUS AQUADROP
Ecological water based enamel pai
Consumption: 12-14 m²/L

5.0 Ceramic tiles application

5.1 Ceramic tiles application on existing tiles

DIY

ADVANTAGES: High Bonding Strength - Highly Flexible Tile Adhesive

In restoration, we often have the need of new tiling in order to rennovate areas. In such occasions the application of an elastic tile adhesive like **VKW 129** is suggested.

STEP 1: Clean thoroughly substrate from dust and loose particles.

STEP 2: Apply **GLX 190** quartz sand primer, which will create a very strong bonding the tile adhesive.

STEP 3: Application of **GLX 190** with brush or roller, on all application area. Wait until it gets dried.

STEP 4: Proceed with tile application, starting from one corner of the area.

VKW 129 is ideal for very demanding applications, since it is highly flexible (C2TE S2), offering strong bonding and high resistance to expansions and contractions.

STEP 5: Distances between ceramic tiles can be easily fixed with the relevant special items (**+**, **T**, **Y**).

STEP 6: Apply **FMF 160 LUX** tile grout at the desired tone.

Products

VKW 129
Super Elastic Tile Adhesive
Consumption: 2-4 kg / m²

FMF 160 LUX
Porcelain grout

Application of ceramic tiles on plasterboard 5.2

DIY

ADVANTAGES: High Flexibility - Thixotropic

A lot of times we have the need to apply ceramic tiles on plaster boards (gypsumboards, cementboards etc).

STEP 1: Prime the surface with quartz sand **GLX 190**. Alternatively we could use **VLX 186**.

Application of **GLX 190** is made with brush or roller, on all application area. Wait until it gets dried.

STEP 2: Apply the elastic tile adhesive **VKW 128** (S1), which is ideal for such substrates like gypsumboards.

STEP 3: Apply **FMF 160 LUX** tile grout at the desired tone.

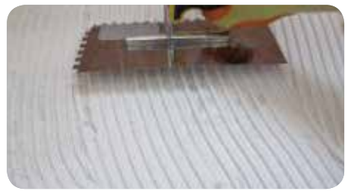
Ceramic tiles application on wooden surfaces (MDF etc) 5.3

DIY

ADVANTAGES: Easy in Application - No water needed

In rennovations we often need to make an application in a very small area/room.

VKW 132 ACRYL is the ideal tile adhesive for such applications in inside areas (wood, MDF etc).



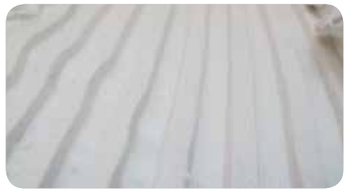
VKW 132 ACRYL is an acrylic tile adhesive that does not need any water for preparation.

STEP 1 →

Products

GLX 190
Acrylic Primer with quartz sand grains for tile & mosaicss
Consumption: 0.4 kg/m²

VKW 132
2-Component Elastic Tile Adhesive
Consumption: 2.5-4 kg/m²



STEP 1: Apply **VKW 132** with the appropriate trowel (thickness).

STEP 2: Applcation of ceramic tiles is fast and easy.

STEP 3: Distances between ceramic tiles can be easily fixed with the relevant special items (+, **T**, **Y**).

STEP 4: Apply **FMF 150** tile grout at the desired tone.

Application of absorbing and non-absorbing ceramic tiles, can be made on walls and floors, offering a fast and durable solution.

5.4 Ceramic tiles application on steek surfaces

DIY

ADVANTAGES: High Bonding Strength - Highly Flexible Tile Adhesive

There are cases where for rennovation purposes we would like to apply ceramic tiles on a steel surface (stair, fridge etc).

In these cases apply **VKW 132**, as long as the application is not bigger than 5 m^2.

STEP 1: Thorough cleaning of surface from dust with a brush.

STEP 2: Apply the **GLX 190**, quartz sand primer, for increased bonding.

STEP 3 →

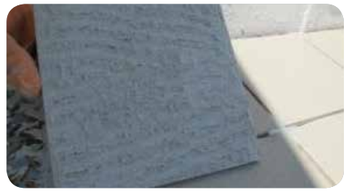
Products

GLX 190
Acrylic Primer with quartz sand grains for tile & mosaicss
Consumption: 0.4 kg/m^2

VKW 132
2-Component Elastic Tile Adhesive
Consumption: 2.5-4 kg/m^2

STEP 3: Apply the elastic tile adhesive, **VKW 132**. It is a two component product, ideal for applications under contractions and expansions.

STEP 4: Distances between ceramic tiles can be easily fixed with the relevant special items (+, **T**, **Y**).



VKW 132 is a high quality tile adhesive able to withstand contractions and expansions. It also offers excellent bonding, making it ideal for applications on steel surfaces.

5.5 Damaged tile grouts restoration

DIY

ADVANTAGES: Easy in Application - For every grout thickness

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

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

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

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

STEP 5: Clean the area further with a wet sponge.

5.6 Common problems and solutions

	Problem	Possible Causes	Solution
	Epoxy grout applied but after a short period of time it has started breaking into peaces	a) Bad application of tile grout (probably content A was not completely mixed with content B) b) Hot oil on tile grout resulted to breaking it into pieces c) Cleaning of tile grouts with steam cleaner d) Cleaning of tile grouts with an acidous cleaning agent	1. Removal of tile grout. 2. Thorough cleaning of substrate. 3. Application of **FMF 155**.

Products

FMF 150
Tile Grout

FMF 155
2-component epoxy grout

	Problem	Possible Causes	Solution
	Epoxy grout applied, has not dried yet, after a long period of time.	a) Bad application of tile grout (probably content A was not completely mixed with content B) b) Probable existence of moisture content on substrate, before application of tile grout c) Probable increased moisture content (humidity of environment or rain), soon after application	1. Removal of tile grout. 2. Thorough cleaning of substrate. 3. Application of **FMF 155**.

6.0 Surfaces cleaning

6.1 Surface cleaning from Graffiti

DIY

ADVANTAGES: Easy Cleaning - Works on most surfaces

In urban centers it is common to see walls, plastered fences and other objects being vandalized with graffiti. **GRAFFITI REMOVER** is an environmentally friendly product designed specifically for cleaning graffiti over almost any surface.

STEP 1: Apply plenty **GRAFFITI REMOVER**, in gel form, on whole surface with a sponge.

STEP 2: Leave **GRAFFITI REMOVER** for 2-3 minutes on surface and then clean with a clean sponge, wetted with lukewarm water.

If needed, repeat steps 1, 2 in order to clean all graffiti from surface. It can be applied to clean graffiti from surfaces like concrete, plasters, natural stone, marble, granite, ceramic tiles, glass, aluminium, etc. Also it can clean graffiti on top of cars as long as they have the manufacturer's paint.

Products

BORNIT®-GRAFFITI REMOVER
environmentally friendly, water-based emulsion, for indoors and outdoors areas
Consumption: 0.5 kg/m²

Tile grouts cleaning 6.2

DIY

ADVANTAGES: Easy Cleaning - Unique Shine

There are cases where grouts get dirty from everyday use. In such cases, they can easily been cleaned with a mild cleanser **VLX 181**.

STEP 1: Add the **VLX 181** into a container of water. For each 5m² you need one bottle 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 shine. It is ideal for tiles with screen printing and special decorations, which are cleaned with a soft cloth.

Cleaning of tiles from heavy dirt 6.3

DIY

ADVANTAGES: Cleans stains, varnishes, oils, grease - Acts drastically

Usually in areas with heavy traffic we can see stains that are difficult to be cleaned. This is also a common problem in a kitchen.

STEP 1: Pour the **VLX 182** on stained surface. **VLX 182** is an acid cleaner and polisher for ceramic tiles and tile grouts.

VLX 182 acts immediately, removing stains from ceramic tiles and tile grouts. It removes concrete crust, salts, remains of tile adhesive and cementitious mortars in general, while it also removes stains from varnish, oil, grease etc.

STEP 2

Products

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

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

STEP 2: Clean surface with a brush sponge.

STEP 3: Thorough cleaning of surface with a sponge.

STEP 4: Good cleaning of surface with a wet cloth.

STEP 5: Mop the surface in order to clean surface.

VLX 182 cleans surfaces from almost every kind of dirt, making it a necessary tool in every cleaning operation.

6.4 Stone & marbles waterproofing

DIY

ADVANTAGES: Easy in Application - Protects against 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

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

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

A Repairing Products

EPOSHIELD INJECT S
Injectable, two-component epoxy resin suitable for cracks width 0.1-3.0 mm.
Injectable, two-component epoxy resin without solvents. Used to apply resin injections in concrete cracks width 0.1-3.0 mm.
Consumption: 1.1 kg/L headspace for crack sealing.

EPOSHIELD INJECT W
Injectable two-component epoxy resin for cracks> 3.0mm - bonding agent
Injectable, two-component epoxy resin without solvents. Used to apply resin injections in concrete cracks width 0.1-3.0 mm.
Consumption: 1.1 kg/L headspace for crack sealing.

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.

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 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 510
Anticorrosive primer for steel reinforcement
One-component, spread anticorrosive product, consisting of special specifications cement, silicon, resins and improvers additives.
Consumption: 20 kg/m² for two coats.

WRM 512 BUILD
Mortar for plastering and building
Mortar for plastering and building. Ideal for simple applications. Suitable for indoor and outdoor use.
Consumption: about 15-16 kg/m²/cm

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 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 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 550

Fast setting repairing plaster

WRM 550 is a white, fast setting, cement based, repairing plaster/ render. It consists of cement, lime, marble and improvers admixtures. Perfect for small repairs on walls.
Consumption: 13-14 kg/m² for 1cm thickness.

CEM EXPRESS

Fast Setting Cement

Consumption: For the production of ready mix 1L for use required about 1.6 kg CEM EXPRESS.

CEM I 42,5 R & 52,5 N

High strength Portland cement

High strength Portland cement resistant to compression, bending, abrasion, harsh weather conditions and corrosion.
Produced in two types:
• CEM I -52,5 N - White
• CEM I -42,5 R - Grey.

B Reinforcement

Mesh CLIMAPLUS (160 g/m²)

Anti-alkaline fibreglass mesh, produced under ETAG 004.
Consumption: 1.1 m/m²
Dimensions: roll 1 m x 50 m

Mesh ETICS (145 g/m²)

Anti-alkaline fibreglass mesh, produced under ETAG 004.
Consumption: 1.1 m/m²
Dimensions: roll 1 m x 50 m

Mesh ETICS (160 g/m²)

Anti-alkaline fibreglass mesh, produced under ETAG 004.
Consumption: 1.1 m/m²
Dimensions: roll 1 m x 50 m

Anti-alkaline fiberglass mesh for coatings (110 g/m²)

10x10mm Blue
Dimensions: roll 1 x 50 m

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.
Dimensions: rolls 1m x 50m

Fiberglass for wall reinforcement (223 g/m²)

10x10mm
Dimensions: roll 0.23 x 50m

Polypropylene fibers

Synthetic polypropylene fibers that are effective in small doses. For watertight concrete tanks, watertight grout, reinforced coatings, anti-friction floors etc. Manufactured only from virgin polypropylene without plasticizers. Due to its special surface treatment, it decomposes very easily to 300 million per kilo (at 6 mm).
Package: 0.9kg / 6mm

C Waterproofing

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.

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.

Nanomolecular Product

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

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.

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

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.

BORNIT®-GRAFFITI REMOVER

Graffiti-remover is an environmentally friendly, water-based emulsion, deep-penetrating effect, used on granite, marble, limestone, concrete, glass, aluminum, bricks, plaster and glazed tiles, for indoors and outdoors areas.

Consumption: 0.5 kg/m²

D Tile Adhesives & Grouts

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 5-20 mm.

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).

VKW 128

Highly Elastic Tile Adhesive

Frost flexible, cement-based, tile adhesive, produced with quartz sand, intented for applications on both horizontal and vertical surfaces. It offers slip resistance, extended open time, very high elasticity and excellent workability. For indoor and outdoor surfaces.

Consumption: 2-4 kg/m²

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: 5.5 m²/L surface

VLX 182

Acid General Purpose Cleaner or 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

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 & mosaicss

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

VKW 129

Super Elastic Tile Adhesive

Superplastic tile adhesive suitable for most demanding applications.

Consumption: 2-4 kg/m²

VKW 132

2-Component Elastic Tile Adhesive

Highly flexible, 2-component, tile adhesive, for surfaces subjected to thermal expansions and vibrations. For indoor and outdoor surfaces.

Consumption: 2.5-4 kg/m²

VLX 186

Acrylic Admixture for mortars – Primer for special applications

VLX 186 is an environmental friendly, acrylic admixture for mortars and a primer for non-absorbing substrates. It does not contain organic solvents. It is used as a primer for bonding tiles on demanding substrates (old tiles, marble, mosaic).

Consumption: Admixture: 40-80g VLX 186 per kg
Primer: 1 Kg / 14-15 m² (non absorbing substrates)
1kg/5m2 (absorbing substrates)

Crosses for Tiles

Shape T for tiles

Shape Y for tiles

E Paints

STATUS ECO

Premium Ecological Mat Emulsion

Premium quality ecological emulsion paint, ideal for indoor surfaces. It is odorless and environment friendly. Spreads wonderfully, has excellent hiding power and high efficiency. Sustains frequent washing. It has the official eco-certification by the EU.

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 AQUAWOOD

Protective Water Based Wood Varnish

Water based woodstain varnish, specially formulated for the effective protection of the indoor and outdoor wood, enhancing the natural beauty of wood. It is odorless, fast drying, does not crack or peel and offers deep penetration to the wood, while allowing it to «breath».

Available in clear and in 8 shades: Pine, Oak, Cherry, Chestnut, Walnut, Mahogany, Oregon and Teak.

Consumption: 18-20 m²/L

STATUS DUKO

Gloss Enamel Paint

Glossy extra strong enamel paint, suitable for decoration and protection of all metallic surfaces, indoor and outdoor. Featuring excellent hiding power and easy brushing, it offers a perfect finish, with exceptional resistance in hard weather conditions, providing a longlasting protection and shades that survive unaltered for a long time.

Consumption: 13-15 m²/L

STATUS AQUADROP

Ecological water based enamel paint

Finest quality certified ecological water based enamel paint, ideal for interior and exterior use. Some of the main advantages of this product is that it is odorless and does not turn into yellow after some time. It spreads easily and covers wonderfully, leaving a lovely surface to withstand frequent washing and harsh weather conditions for many years.

Consumption: 12-14 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 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 RUST PRIMER

Anticorrosive Primer

Primer with excellent anticorrosive properties and high durability. Provides effective protection against rust, even under harsh weather conditions. Its superior workability and excellent speading capacity ensure very good covering and exceptional final 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.

STATUS

Building Primer

Ideal undercoat for the preparation of metal surfaces. Workes softly spreads wonderfully, has great coverage and does not flow. Provides very good adhesion to the final color. Ensures very good accretion in the final color, offering a uniform surface and exceptional final result.
Consumption: 10-12 m²/L

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 RUSTOBLOCK

Anticorrosive Gloss Enamel Paint

Specially designed paint to be applied on rusty surfaces without prior use of rust primer, offering a glossy effect as a final result. Exhibits high adhesion and very good leveling and offers excellent resistance to harsh weather conditions. The result is a shiny, highly durable surface, with intact nuances for very long time.
Consumption: 6-8 m²/L

STATUS RUSTOBLOCK

Hammer finish Anticorrosive Enamel Paint

Specially designed paint to be applied on rusty surfaces without prior use of rust primer, offering a hammer effect as a final result. Exhibits high adhesion and very good leveling and offers excellent resistance to harsh weather conditions. The result is a shiny, highly durable surface, with intact nuances for very long time. Available in 5 colors.
Consumption: 6-8 m²/L

STATUS

Enamel paint for wooden surfaces

Excellent quality, solvent-based paint for interior and exterior use. Featuring excellent hiding power and easy brushing, it offers a perfect finish, washable, with great resistance in hard weather conditions, providing a long-lasting protection.
Consumption: 14-16 m²/L

STATUS LS-703

Solvent for air paints, oven xylene base.

Suitable for dilution: CARMYPOOL PRIMER, CARMYPOOL & CARMYSAIL

REMOVER

New generation powerful corrosive for paints and varnishes. Does not contain dichloromethane.

WHITE SPIRIT

Solvent for paint brush

F Flooring Screeds

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.

NSF 610

Self-levelling floor screed up to 10 mm

NSF 610 is a self-levelling, cement based mortar for smoothening and levelling of floors. Consists of cement, quartz sand of 0.5 mm max grain and admixtures.
Consumption: 18 kg/m² for 1 cm thickness.

G CLIMAPLUS - ETICS & Facade Products

DECOR PU VARNISH

Polyurethane varnish- two components, for protecting polished cement screeds

Transparent polyurethane varnish, two components. It offers excellent waterproofing, high mechanical strength, resistance to chemical agents, protection against yellowing and UV radiation.

Consumption: 80-120 ml/m², depending on the porosity of the substrate.

*Available in gloss and mat.

DEC 428 POLYPLAST

Decorative Acrylic Plaster

Acrylic based render with high elasticity and excellent adhesion, offering colored end surfaces in different types (RILLEN or SCRATCH), without the need to paint.

DEC 438 SILICONE

Colored Silicone Plaster

Silicone render with high vapor permeability and additional antifungal activity. Offers colored end surfaces in different types (RILLEN or SCRATCH).

DEC 470

Fine-grained Spatula putty – for indoor & outdoor use

White, one component, dry mix putty. Replaces the traditional stuccos and oil stuccos. The final result gives a very smooth surface, without lumping, lines and cracks after drying.
Consumption: 1.0 kg/m² for two layers.

GLX 494 PRIM

Acrylic primer - Transparent

Acrylic based primer with high penetration. Colored according to the shade chosen for final coating (organic plaster).
Consumption after dilution: 0.20 - 0.25 kg/m² per layer.

GLX 498 SIL PRIM

Silicone primer - Transparent

Silicone based primer with high penetration. Colored according to the shade chosen for final coating (organic plaster).
Consumption after dilution: 0.20 kg/m² per layer.

THC 410

Highly flexible, fiber reinforced, adhesive – plaster

Premium, highly flexible fiber-reinforced, polymer modified, cement based mortar with increased strength. It consists of cement, quartz sand with 0.5 mm max grain size, limestone fillers, polypropylene fibers and admixtures. It complies with EN 13499 and ETAG 004.
Consumption: 3.5 - 4.0 kg/m²

THC 410 C

Coarse-grained, flexible, fiber reinforced, adhesive – plaster

Coarse grained, fiber reinforced, polymer modified, cement based mortar. It consists of cement, quartz sand with 1.5 mm max. grain size, limestone fillers and admixtures. It complies with EN 13499 and ETAG 004. Suitable for bonding and plastering.
Consumption: 3.0 - 4.0 kg/m²

H Plasters & Renders

SHP 205

Spray plaster

Spray plaster for surface preparation, acting as a bridge to enhance adhesion for the next layers of plaster.
Consumption: 5 kg/m² for thickness of application 0.5 cm.

NHP 255

One hand plaster with marble

One hand, white plaster that replaces the base coat plaster and the final coat plaster. Provides leveling and smoothing with one hand use. The extra white marble composition contributes to the snow white result.

THRAKON

in8 creative design

THRAKON
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