



REPAIRING MORTARS

REPAIR AND
REINFORCEMENT OF
CEMENT AND MASONRY
WITH ZERO SHRINKAGE

We build together
for a better living.





**Welcome to a world full of high quality,
aesthetics and excellent service...
in the world of THRAKON!**

The real experience of building materials and premium colors. Utilizing long-term experience and know-how, THRAKON is one of the largest research and production companies in the building materials, paints and varnishes industry. THRAKON has the ability to provide integrated services and solutions for a wide range of applications.

BRANDS

THRAKON has an active presence in the market with the following leading brands.

CLIMA PLUS

STATUS

DECOR

ULTRAPOR[®]

DESMOFLEX[®]

CARMYFIX[®]

**REPI
FIX**

Why THRAKON?





Reliability

THRAKON is one of the most reliable producers of mortars in Greece with guaranteed steady supply and six production facilities.



Quality

We offer products, services and solutions of the highest quality which add value to our customers.



Responsibility

THRAKON, since its foundation, presents in market high quality products and integrated solutions, that are innovative, environmentally friendly and economically profitable for the industry. We operate a continuous and reliable business strategy for our clients in order to justify and maintain their trust in us.



Technical Support

THRAKON recognizing the importance of after sales services, is committed to provide complete solutions and advice from specialized engineers and experienced applicators. We want always be close to the customer with a high sense of responsibility.



A vertical strip on the left side of the page shows a close-up of a light-colored concrete wall with several vertical and diagonal cracks, some of which are filled with a darker material.

REPAIRING MORTARS

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COMPLEMENTARY REINFORCEMENT PRODUCTS

REPAIRING MORTARS



EPOSHIELD INJECT S

Injectable, two-component epoxy resin suitable for cracks width 0.1-3.0 mm.

Injectable solvent free, two-component epoxy resin. Used to apply resin injections in concrete cracks width 0.1-3.0 mm.



Suitable for injections in concrete cracks 0.1-3 mm wide. Suitable for fixing and anchoring of reinforcing bars in concrete surfaces. It is also a valuable tool for fixing and anchoring of reinforcing bars in existing building elements. It offers excellent results even on damp substrates.



Exterior & Interior use



1,1 kg/L headspace for crack sealing



12 Items (1 kg)

Code	Package
P21624001	1 kg



EPOSHIELD INJECT W

Injectable two-component epoxy resin for cracks > 3.0mm - Bonding agent

Injectable solvent free, two-component epoxy resin. Used to apply resin injections in concrete cracks larger than 3.0 mm.



It is used as a bonding key between fresh and old concrete, according to the Concrete Regulation. It is also suitable for injection application in concrete cracks wider than 3mm. Suitable for fixing and anchoring of reinforcement rods in concrete surfaces.



Exterior & Interior use



1,5 kg/L headspace for crack sealing



4 Items (4 kg)
12 Items (1 kg)

Code	Pkg	Shade
P21623001	1 kg	Grey
P21623004	4 kg	



REPIFIX TOP WRM 483

Extra fine cementitious putty with special resins

Extra fine cementitious putty reinforced with special resins. With excellent workability by hand or airless pistol, leaving a smooth finish, with high abrasion resistance, very good adhesion to the substrate, ready for painting.



For puttying exposed concrete and stucco surfaces, cover or nesting resources. Also ideal for local repairs seals cracks etc. Suitable for indoor and outdoor use. It is classified as concrete repair mortar type PCC R2 according to EN 1504-3.



Exterior & Interior use



~ 1,3 kg/m²/mm Thickness



60 items (25 kg)



4 items (5 kg)



Code	Pkg	Shade
P11704831	20 kg	Grey
P11704834	5 kg	White
P11704832	20 kg	



WRM 500

Fast setting repairing mortar

WRM 500 is a fast setting sealing mortar (3 minutes setting time). Cement based, non shrinkable and requires only water for its preparation.



Immediately seals cracks, leaks, holes and joints in all masonry and concrete constructions, such as dams, sewers, wastewater tanks, water tanks, underground spaces, tunnels, foundations. Suitable for anchoring of bolts, piping, sanitary ware and in general for works that require fast and strong support.



Exterior & Interior use



1 kg yields approximately 0.6 L of ready to use mortar



100 items

Code	Pkg	Shade
P11705500	4 kg	Grey



THRAKON RAPID

Hardening accelerator for concrete and mortars

THRAKON RAPID is a chloride-free liquid concrete admixture used to reduce setting time and increase early strengths. It accelerates the hydration of concrete and is suitable for reinforced concrete and applications at low temperatures, even below 10°C. It offers rapid development of mechanical strengths and reliable performance in a short curing time.



It can be used in cement mortars for filling and smoothing floors, for ready-made products or traditional ones.



Exterior & Interior use



1-2 kg per 100 kg of cement depending on temperature and desired final strengths



72 items (6 kg)
40 items (12 kg)

Code	Pkg	Shade
P21114006	6 kg	Light yellow/ Transparent
P21114012	12 kg	



REPIFIX PROTECT WRM 510

Anticorrosive primer for steel reinforcement

One-component, spread anticorrosive product, consisting of special specifications cement, silicon, resins and improvers additives.



Suitable for anticorrosive use on reinforcement steel, preparation of concrete, iron and other structural materials as a bonding key prior to the application of repairing materials.



Exterior & Interior use



On reinforcement:
0,06 - 0,12 kg /m



120 Items (5 kg)

As bonding agent:

Approximately 2,0 kg/m² for 2 layers



4 Items (5 kg)
18 Items (1 kg)

Code	Pkg	Shade
P11705101	1 kg	Blue
P11705100	5 kg	



REPIFIX EXTRA WRM 512

Mortar for plastering and building

Mortar for plastering and building. Ideal for simple applications.



Suitable for the restoration of fallen plasters and simple cracks on the masonry.



Exterior & Interior use



~15 kg/m²/mm Thickness



60 Items (25 kg)

Code	Pkg	Shade
P11705121	25 kg	Grey
P11705120	25 kg	White



REPIFIX CLASSIC WRM 515

Repairing mortar R2

One-component, polymer modified, cement based repairing mortar. It consists of cement, quartz sand, and additives. REPIFIX CLASSIC WRM 515 does not shrink and has excellent adhesion to concrete, frost and moisture resistance. It is classified as a PCC R2 type according to EN 1504-3.



Suitable for repairing concrete surfaces, masonry, plaster, gutters construction, manufacturing roof ridges, etc.



Exterior & Interior use



~ 15 kg/m²/cm Thickness



60 items (25 kg)



Code	Pkg	Shade
P11705150	25 kg	White
P11705154	25 kg	Grey
P11705152	25 kg	Brick red



REPIFIX RAPID WRM 518

Fast setting (60min) repairing mortar R2

One-component, resinous, cement based fast setting repairing mortar. It consists of cement, quartz sand, and additives. REPIFIX RAPID WRM 518 does not shrink and has excellent adhesion to concrete, frost and moisture resistance. It is classified as a PCC R2 type according to EN 1504-3.



Suitable for repairing concrete surfaces, masonry, plaster, gutters construction, manufacturing roof ridges, etc.



Exterior & Interior use



~ 15 kg/m²/cm Thickness



60 Items



Code	Pkg	Shade
P11705180	25 kg	Grey



REPIFIX REPAIR WRM 519

High-strength fibre-reinforced repair mortar R3

High-strength reinforced cementitious repair mortar for class R3 concrete. The specific composition of REPIFIX REPAIR WRM 519 protects the reinforcement from corrosion and restores the passivity of the concrete, while at the same time it is non-shrinking and shows excellent compatibility with the old concrete, resistance to frost and moisture.



Suitable for repair and rehabilitation of old and new, reinforced or unreinforced concrete.



Exterior & Interior use



~ 17-18 kg/m²/cm thickness



120 items (5 kg)
60 items (25 kg)



Code	Pkg	Shade
P11710000	5 kg	Grey
P11710001	25 kg	



REPIFIX RAPID+ WRM 520

Fast setting repairing mortar R3

WRM 520 is a top quality, one-component, cement based, fast setting (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.



Suitable for repairing damages on concrete constructional defects, wear, impact etc. repairing steps, parapets, pre-constructed and other concrete elements.



Exterior & Interior use



~ 19 - 20 kg/m²/cm Thickness



60 Items (25 kg)
120 Items (5 kg)



4 Items (5 kg)



Code	Pkg	Shade
P11705201	5 kg	Grey
P11705200	25 kg	



REPIFIX POWER WRM 525

High strength, fiber reinforced, repairing mortar R4

Premium quality and high strength, fiber reinforced, one-component, repairing mortar for concrete, type PCC R4, based on EN 1504-3.



Suitable for demanding repairs to concrete surfaces. Applied in thicknesses up to 40 mm per layer with a trowel or launching.



Exterior & Interior use



~ 17 - 18 kg/m²/cm Thickness



60 Items (25 kg)
120 Items (5 kg)



4 Items (5 kg)



Code	Pkg	Shade
P11705250	5 kg	Grey
P11705251	25 kg	



REPIFIX GROUT WRM 530

Cementitious grouting for accurate anchoring

Ready to use, cementitious, shrinkage compensated with a controlled increase in volume product. It is waterproof, free of chlorides and high-alumina cement as well as resistant to frost and de-icing salts. It offers high strength (R4) and can be applied for accurate anchoring in big thickness (10 - 60 mm).



Ideal for accurate anchoring like steam or gas turbines, electricity generators, compressors, planes, oil machines, cranes, pumps, crashing units, machines for cutting marbles etc



Exterior & Interior use



Depending on the application type



60 items (25 kg)



5 days



Code	Pkg	Shade
P111705350	25 kg	Grey



REPIFIX FAST 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.



Suitable for plastering of old or new constructions, small repairs (patching), filling holes, repair of detached plaster pieces, wide cracks and missing endings.



Exterior & Interior use



13 - 14 kg/m² for 1cm thickness



60 Items (25 kg)
120 Items (5 kg)



4 Items (5 kg)

Code	Pkg	Shade
P11705502	5 kg	White
P11705501	25 kg	



CEM EXPRESS

Fast setting cement



Used for fast fixing, repairing, anchoring, sealing holes etc. and generally where high strength and speed work is required.



Exterior &
Interior use



For the preparing of 1L ready for use mix, about 1.6kg CEM EXPRESS is required



120 Items (4 kg)



4 Items (4 kg)

Code	Pkg	Shade
P11700001	4 kg	Grey



REPIFIX BETON

Pre-mixed mortar with cement

Ready-mixed, normal setting cement mortar, suitable for casting, repairing and restoring concrete, as well as for non-structural constructions in indoor and outdoor areas. It offers excellent workability and ease of use. It contains quartz aggregates, is resistant to moisture after hardening and is classified in the fire reaction category A1.



Suitable for repairs and replacement of deteriorated concrete in non-structural elements, as well as for floor substrates, sidewalks, paths and anchorages. Also used in cement mortars, garden constructions - fencing, fixing of equipment such as lighting and signs.



Exterior &
Interior use



~ 17-18 kg/m² per cm of layer



48 items (25 kg)

Code	Pkg	Shade
P11620000	25 kg	Grey



WHITE CEMENT

Portland-limestone cement CEM II/A-L 42,5N



White portland cement, strength class 42.5N, is characterized by high whiteness and excellent workability. It is an ideal solution for any project that requires the production of particularly light-colored concrete and mortars in building constructions.



Exterior &
Interior use



120 items (5 kg)



4 items (5 kg)

Code	Pkg	Shade
21.11.820005	5 kg	White



HIGH STRENGTH GENERAL USE CEMENT

Portland-composite cement CEM II/A-M (V-L) 42,5N



High strength enhanced cement for general use, strength class 42.5N. Due to its enhanced composition and rapid strength development, it is an ideal solution for concrete production.



Exterior &
Interior use



120 items (5 kg)



4 items (5 kg)

Code	Pkg	Shade
21.11.820105	5 kg	Grey

COMPLEMENTARY REINFORCEMENT PRODUCTS

**CLIMAPLUS MESH** (160 g/m²)

Anti-alkaline fiberglass mesh, produced under ETAG 004.



Suitable for the reinforcement of the basic layer of the external thermal insulation system CLIMAPLUS.



Exterior use

1,1 m/m²

33 rolls



1m x 50m

Grid size: 4 x 4 mm

Code	m ² / Pal.
T10320020	1650

**CLIMAPLUS PROFESSIONAL** (160 g/m²)

Anti-alkaline fibreglass, produced under ETAG 004.



Suitable for reinforcing the basic layer of the external thermal insulation system CLIMAPLUS.



Exterior use

1,1 m/m²

35 rolls



1m x 50m

Grid size: 4 x 4 mm

Code	m ² / Pal.
T10320120	1650

**FIBERGLASS FOR WALL REINFORCEMENT** (223 g/m²)

Exterior use

223 g/m²

4 rolls



0,23m height x 50m length

Open frames: 10 x 10 mm

Code	Package
T010402300	Rolls

**POLYPROPYLENE FIBERS**

Synthetic polypropylene fibers that are effective even 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).

Exterior &
Interior use

900 g/package

Code	Package
T10000650	0,9 kg / 6 mm



ICON MEMO



Interior and exterior use



Exterior use



Interior use



Application



Delivery time



Dimensions



Weight



Consumption



Items per pallet



Items per box



Shades



Also provided in silo



Coefficient of thermal conductivity

C/C

Where C/C appears,
call us to provide you with
the code of the product.



CERTIFICATIONS / SYSTEMS

C1	With normal characteristics, for absorbent tiles and common substrates - Exterior & Interior use.	CG2 WA	With enhanced features for demanding applications, with high abrasion resistance, low water absorption and low shrinkage - Exterior & Interior use.		Fire protection class A2
C1T	With normal characteristics, for absorbent tiles and normal substrates - with zero vertical slip - Exterior & Interior use.	D2TE	Dispersion adhesive with enhanced characteristics for all types of tiles, with zero vertical slip and extended open time - Exterior & Interior use.	ETAG 004	Certification of the external thermal insulation system.
C1TE	With normal characteristics for absorbent tiles and common substrates. With slip resistance and extended open time - Exterior & Interior use.	R2T	Epoxy-based glue with reinforced characteristics for all types of tiles and with zero vertical slip - Exterior & Interior use.	EN 13499	European Standard EN 13499 for the thermal insulation system.
C2T	With enhanced features for non-absorbent tiles and zero vertical slip - Exterior & Interior use.	S1	With enhanced features for non-absorbent tiles, with zero vertical slip and extended open time - Very Elastic - Exterior & Interior use.	EN 13888	Standard requirements for cementitious grouts.
C2E	With enhanced features for non-absorbent tiles and extended open time - Exterior & Interior use.	S2	With enhanced features for non-absorbent tiles, with zero vertical slip and extended open time - Super Elastic - Exterior & Interior use.	EN 13163	Standard requirements for Expanded Polystyrene (EPS) according to the performance of the material in strength.
C2TE	With enhanced features for non-absorbent tiles, with zero vertical slip and extended open time - Elastic - Exterior & Interior use.	CE	The CE marking is the mark of product quality. Its existence ensures for the consumer that the characteristics of the product he has chosen correspond to the European characteristics established for the product.	EN 15824	Harmonized standard for external and internal coatings.
	EU Ecolabel for products that meet strict ecological criteria.		Fiber reinforced product		A product that can be used in the CLIMAPLUS external thermal insulation system.
	Environmental Product Declaration: Official and verified document recording the environmental impacts of a product throughout its life cycle, according to international standards.		25 years expected working life		

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