

Easy Repair 80



Polymer-modified, fiber reinforced, repairing mortar

- » Excellent adhesion to the substrate
- » Natural recycled raw materials (Recycled Green Technology)
- » Excellent workability and thixotropy (no sagging)
- » Resistant to temperature changes
- » Zero shrinkage & dehydration cracks
- » Non-corrosive (free of chlorine ions and lime)
- » Fine-grained finish
- » Indoor and outdoor usage

Easy Repair 80 is a one-component, cement-based, repairing mortar, reinforced with advanced adhesion and thixotropic resins, as well as PP fibers. Contains natural hydraulic recycled binders (Recycled Green Technology) as well as active additives that improve workability and eliminate shrinkage & dehydration tendencies. It does not

corrode metal reinforcements as it has zero percentage of chlorine ions and lime. The selected ratio of cement and graded aggregates offers a fine-grained finish.

It is classified as concrete repairing mortar **PCC R2** according to **EN 1504-3**.

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FIELD OF APPLICATION

Easy Repair 80 is suitable for repairing damage to concrete or masonry, on walls and ceilings.

It is also used to form grooves between vertical and horizontal surfaces

as well as in roof repairs (ridge tiles etc.). It has a fine-grained finish. It

is applied in thickness of 3 - 30 mm (locally up to 50mm). Suitable for

indoor and outdoor usage.

TECHNICAL DATA (Measurement conditions 20°C and 60% Relative humidity)	
Color	Grey
Water ratio	5,5 lt water in 25 kg Easy Repair 80
Maximum grain size	600µm
Bulk density of dry mortar	1,45±0,05kg/l
Bulk density of fresh mortar	2,00±0,05kg/l
Application temperature	From +5°C to +35°C
Pot life	3 hours
Application thickness	3-30mm per coat
Consumption	1,5 kg/m²/mm

PRODUCT PERFORMANCES	
Compressive strength, EN 12190	≥ 20MPa
Chloride ion content, EN 1015-17	≤ 0,05%
Adhesive bond, EN 1542	≥ 1,00 MPa
Thermal compatibility, measured as adhesion after: <ul style="list-style-type: none"> • 50 cycles freeze thaw with de-icing salt immersion, EN 13687-1 • 30 cycles thunder shower, EN 13687-2 • 30 dry thermal cycles, EN 13687-4 	≥ 1,00 MPa
Capillary absorption, EN 13057	c ≤ 0,50kg ·m⁻²·h^{-0,5}
Reaction to fire, EN13501-1	A1

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DIRECTIONS FOR USE:

1. SUBSTRATE – PREPARATION: To ensure good adhesion substrate should be sound, clean, rough, free of dust, oil, lime, tar and loose elements. Light soaking with water before use.

On substrates with high absorbency (eg aerated concrete, old plasters/renders, etc.) it is recommended to apply **Eco Dur Aqua** by **KRAFT PAINTS** diluted 1: 1 to 1: 2 with water. Caution! The primer must properly be diluted in order to be completely absorbed and avoid film formation on the substrate surface.

2. MIXING: In a clean container add pure water and gradually empty the package content, while stirring constantly with a low-speed electric mixer (5,5 - 6 lt water per 25Kg or 1,1 - 1,2 lt water per 5Kg **Easy Repair 80**).

Mixing must be done carefully so that no amount of product remains on

the walls or bottom of the container. The product is ready for use when the mixture becomes homogeneous without lumps.

3. APPLICATION: Application of **Easy Repair 80** on the substrate is carried out using a metal spatula or trowel in a thickness of 3-30 mm per layer (locally up to 50mm). Depending on the conditions and the thickness of application, any subsequent layers are repeated with «fresh to fresh» method, or after roughness increase and light wetting of the surface.

For further improvement of adhesion and flexibility, where needed, it is recommended to add **KRAFT PAINTS** mortar reinforcement resin, in a ratio of 1:2 - 1:3 to the mixing water, depending on each application.

4. CLEANING OF TOOLS: Tools should be cleaned immediately after application with plenty of water while the material is still fresh or otherwise mechanically. Remove as much material as possible from tools before cleaning.

IMPORTANT NOTES:

Do not apply at temperatures below +5°C and above +35°C as well as at relative humidity above 65%.

Do not apply in case of impending rain for at least the next 24 hours after application.

It is recommended to protect the surfaces against strong wind currents and direct sunlight.

In periods of high temperatures (warm months) light wetting of the final surface is recommended for 24 - 48 hours after application.

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CONSUMPTION

Consumption is about 1,5 – 1,6 Kg/m²/mm. It depends on the type of substrate, the method, the tools and the application conditions.

	
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22 DoP No 05.07 Easy Repair 80 EN 1504-3 Concrete repair product for non-structural repair PPC mortar, Class R2	
Reaction to fire	Class A1
Compressive strength	Class R2
Chloride ion content	≤ 0.05%
Adhesive bond	≥ 0.8 MPa
Thermal Compatibility (part 1)	≥ 0.8 MPa
Capillary absorption	≤ 0.5 kg·m ⁻² ·h ^{-0.5}
Dangerous substances	Comply with 5.4

PACKAGING – SHADES

The product is packaged in 25Kg, 5Kg valve paper bags in Grey shade.

STORAGE

Stored on wooden pallets and in a dry environment with temperature above 5°C for 12 months from the production date.

HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

Carefully read and follow all cautions and warnings on product label. For further information, refer to the Material Safety Data Sheet of this product.

Poison Centre Tel:

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06/2023 THIS TECHNICAL DATA SHEET SUPERSEDES ALL PREVIOUS EDITIONS RELEVANT TO THIS PRODUCT

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DISCLAIMER: The above technical data, information, recommendations and guidance are based on scientific and technical knowledge, laboratory studies and long experience. However, the above information is considered to be as indicative and should be reviewed in any case in relation to each specific application conditions. Consequently, the suitability of each product in any application must be evaluated after referring to the updated Technical Data Sheet and to the website www.kraftpaints.gr, as well as after contacting the technical support department, in case of necessity. Our company guarantees the quality of the product itself, whilst in any case the user/applicant is exclusively responsible for any undesirable failures after using the product.

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