Fixapox

2K COLORLESS EPOXY IMPREGNATION AND PRIMER

- For preventive and curative use.
- Strengthens weak surfaces prior to bonding.
- Passivates rust.
- Unique adhesion on metal, polyester, stainless steel, galvanized sheet, wood, stone and concrete.

Technical Info

Component A

- Form: liquid.
- Colour: transparent.
- Smell: characteristic.
- Flashpoint: > 150°C.
- Density at 20°C: 1,13 g/cm³.
- Solubility in/mixability with water: Not soluble.
- Solubility in organic solvents: Soluble in many organic solvents.
- Dynamic viscosity at 25°C: 500 - 900 mPas.

Component B

- Form: liquid.
- Colour: transparent light yellow.
- Smell: characteristic.
- Solubility in/mixability with water: mixable.
- Solubility in organic solvents: Soluble in many organic solvents.
- Dynamic viscosity at 25°C: 40 - 60 mPas.

- Composition: epoxy resin, hardener and selected solvents.
- Colour: colourless; darkens the surfaces.
- Specific gravity: 1 +/- 0,1 kg/dm3.
- Adherence: to wood, stone, concrete: the bonding system is stronger than the materials

Product [FXP]

Characteristics

- An industrial 2-component deeppenetrating impregnating agent for the protection and handling of concrete, stone, wood and metals.
- Hardens concrete floors, stone, cement coatings and makes them dustproof, more longwearing, easy to clean.
- A preventive and curative protection for both blank and rusty metals against corrosion, erosion and other chemical influences.
- Penetrates deeply in rust and blocks, passivates and anchors this rust to the sound metal.
- An ideal unsaponifiable adhesive primer for painting, mastics, joint kits, mending and other finishes.

Applications

- gives resistance to oils, greases, petrols and chemicals.
- Because of its liquid tightness and chemical resistance pollution of the treated surfaces is avoided.
- Concrete roadways, bridge flooring and weight bridges: protection against salts for thawing (1-coating application as outdoors application).
- Handling of metal constructions and installations, handrails, fittings, reinforcing rod,... against chemicals and sea air.
- To make walls or constructions in e.g. bricks, Ytong or plaster dust-proof.
- Longwearing and hydrochloric resistant protective coating for concrete mixers.
- Inhibits further silting up or degradations of treated surfaces.
- Handling of concrete pipes, concrete wells against waste waters.
- Adhesive primer for Seal & Bond MS60, Nova Power Grip on porous surfaces (stone, gyproc, Ytong,...).

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bonded together; to metals: > 2N/mm²
depending on the preceding handling.
- Duration of use after mixture (pot life): ca. 30 minutes at 15°C.
- Drying times at 15°C: After ca. 12h (one night): can be walked on; after ca. 24h: mechanical chargeable load-bearing; after 7 days: chemical resistant.
- Temperature resistance: permanently from -30°C to +55°C; accidentally 110°C; 200°C unloaded (form durability); dry-cleaning is allowed.
- Chemical resistance: resists to acids, caustic solutions, oils, greases, petrols, salts and many solvents, manure, urine,...; is resistant to aggressive gasses, vapours and sea air.
- Shelf life: 12 months, keep dry, cool and frost-proof.
- Safety measures: consult the Safety Data Sheet.

Packing

Fixapox - can 1kg	631011000

Use

- Full package:

Pour the hardener (component B, plastic bottle) completely to the resin (component A, can).
Shake thoroughly until obtaining a homogeneous mixture.

- Partial packaging:

Use the measuring cup supplied for a mixing ratio of Component A: Component B: 1:1.
Mix well until obtaining a homogeneous mixture.
- Apply on a clean, dry and stable surface.
- If necessary, apply a second coat after 1 hour (on porous materials).
- Clean tools with Poxy DC.

Can be processed for 30 minutes after mixing at temperatures up to + 20 ° C.
Higher temperatures reduce the working time considerably.
Protect from rain and moisture for 24 hours after application (at 20°C).
Consumption, depending on the porosity of the substrate: first layer: 300 ml/m² and second layer: 250 ml/m².
As primer and substrate reinforcement always apply 2 layers.
Paintable with most lacquers and paints after a maximum of 7 days, if longer, first roughen mechanically or etch chemically. Walkable and dust-dry after ± 12 hours at + 20 ° C. Chemically chargeable after 7 days at + 20 ° C. Minimum processing temperature: + 5 ° C.
Novatio epoxy and adhesives can even be applied to Fixapox wet-on-wet.

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