

DANOPRIMER EP

Bi-component, solvent-free epoxy primer, suitable for porous substrates, compatible with DANOCOAT® and DANOPUR® systems.



ETE 17/ 0401

Bi-component, solvent-free epoxy primer with high adhesion, fast curing at low temperatures, for manual application.

Presentation

- Weight (kg): 6.3
- Product code: 750508

Technical Data

Concept	Value	Standard
Finish	Transparente	-
Dureza Shore a 23°C a las 24h	52	ISO 868
Dureza Shore a 23°C a las 48h	72	ISO 868
A/B ratio (by weight)	100	-
A/B Ratio (Volume)	100	-
Adhesion resistance (N/mm ²)	>3,8	UNE EN 13892-8:2003

Additional Technical Data

Concept	Value	Standard
Density (kg/m ³)	1.1	-

Concept	Value	Standard
Density to 23°C (kg/dm ³)	1,10±0,02	-
Pot life a 15°C (min / mPas)	60 / ±2000	-
Pot life a 23°C (min / mPas)	40 / 700	-
Pot life a 23°C y 50% H.R. (min)	5	-
Pot life a 5°C (min / mPas)	120 / >400	-
Viscosity at 23°C (mPA.s)	550±100	-
Shore A hardness at 23°C at 7 days	81	ISO 868

Application Data

Concept	Value
RH (%)	<80
Support / ambient temperature (°C)	+5°C/+35°C (3°C por encima del punto de rocío)

Scope

- Primer for DANOFLOOR®, DANOCOAT® and DANOPUR® systems.
- Primer for DANOCOAT® waterproofing systems.
- Binder for levelling mortars.
- Union bridge.

Advantages & Benefits

- Low viscosity
- Vapour and dampness barrier.
- Offers good mechanical strength and improves the mechanical characteristics of the substrate.
- Components supplied in metal canister with spring ring.
- Fast setting at low temperatures, up to 5°C.
- Strong adhesion, even on wet surfaces.
- Great penetration and sealing power of the substrate.
- Solvent free.

Support

- Steel.
- Asbestos cement
- Concrete/Screed.
- Epoxy mortars.
- Cement-based substrates.

Substrate preparation

- Any previous coating will need to be removed.
- The support must be clean and free of foreign objects.
- The substrate must be clean, dry, dust-free, free of oil, grease, surface laitance or other elements that impede adhesion such as old waterproofing membranes or other coatings.
- The substrate shall be cohesive, without loose particles, with a regular surface texture.
- In the case of concrete or mortar substrates, if there are cracks or fissures on the surface, these must first be repaired with DANOPRIMER® EP and DANOQUARTZ® SP 49.
- Concrete roofs must be set for at least 28 days.
- The joints between tiles can be filled with ELASTYDAN® PU 40.
- Contaminated concrete surfaces shall be mechanically treated, either by sanding, diamond grinding, shot blasting or sandblasting, followed by vacuuming.
- Do not apply on damp substrates or substrates subject to dampness under coating, dampness due to indirect, negative or hydrostatic pressures.
- The support must be healthy, clean, flat, free of paint, crumbling or poorly adhered parts, release agents, etc. and in general without any substance or particle that may prevent correct adherence.

Instruction for Use

Checking environmental conditions

Before starting the application, check that the environmental and substrate conditions are suitable:

- Temperature between +5°C and +35°C, and Relative humidity

Warning

- Outdoors, to avoid surface defects (bubbles) due to rising water vapour from the concrete or mortar, it should be applied when the temperature is constant or decreasing.
- Treatment of fissures is very important. Poor crack preparation can reduce the service life of the coating.
- Do not dilute or add any components that may alter the characteristics of the product.
- Protect from water dampness for the first 24 hours (20°C).

Handling, storage and preservation

- Keep the containers hermetically sealed and not exposed to extreme temperatures (store between 10°C and 30°C) for a period not exceeding 24 months. The last four digits of the batch number indicated on the label correspond to the product's date of manufacture (month/year).

Cleaning of Work Tools

- If the product is fresh, with water
- If the product is dry, scraping

Safety and hygiene

- Consult the safety data sheet.

Notice

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