

EPOFAST 360



DESCRIPTION

Two-component adhesive for tiles, based on epoxy resins, with fast drying time.

CHARACTERISTICS

Epofast 360 is a two-component, solvent-free tile adhesive. It is characterized by high resistance to compression, flexural strength, and adhesive force. Epofast 360 is resistant to certain acids, alkalis, corrosive agents, detergents, seawater, and saltwater. According to EN 12004 standard, it is classified as an R2TF tile adhesive with improved bonding strength, fast drying time, and no vertical slip. The product is distinguished by excellent workability, and tools can be cleaned with water before the product hardens.

AREAS OF APPLICATION

Epofast 360 is used in environments where high mechanical load resistance and chemical resistance are required. The product is used for bonding tiles in industrial settings. It is applied for tile installation on walls and for filling joints in industrial environments such as: breweries, dairies, laboratories, butcher shops, and other sectors of the food or chemical industry, as well as in swimming pools, kitchens, etc. It is suitable for installing tiles on various surfaces such as concrete, mortar, metal, wood, etc. It can also be used to fill joints with a width of up to 6 mm.

TECHNICAL DATA

Form:	Comp A Paste Comp B Gel
Color:	White
Maximum grain size:	0,6 mm
Density:	Comp A 1,75gr/ml Comp B 1,75gr/ml
Density (A+B):	1,75 gr/ml
Mixing ratio:	1A : 1B
Remains solid:	Comp A 100% Comp B 100%
Application temperature:	from +50°C to +350°C
Application thickness:	for 30 mm
Working time:	5 min
Workability time:	5 min
Adjustment time:	7 min
Compressive strength:	68 Mpa
High resistance:	41 MPa
Adhesive strength:	
• Normal condition:	10 Mpa
• After water immersion:	9 Mpa
• After thermal shock:	7 MPa
Chemical resistance	Very good
Temperature resistance:	form - 30°C to +90°C

SURFACE PREPARATION

The surface must be dry, clean, stable, slightly rough, and free of materials that prevent adhesion, such as dust, oils, etc. If necessary, the surface should be pre-treated by washing, roughening, etc. In the case of walls, they must be scrubbed with a wire brush or a similar tool.

PRODUCT PREPARATION

Component A (resin) and Component B (hardener) are supplied in two separate buckets in a predetermined weight ratio. The entire quantity of Component B should be added to Component A. The two components must be mixed for about 5 minutes using a low-speed mixer (300 rpm). It is important to mix thoroughly along the edges and at the bottom of the plastic container to ensure a complete blend and uniform distribution of the hardener.

APPLICATION

For tile installation:

The product must be applied using a notched trowel to ensure an even spread over the entire surface. The tiles should be placed on the open adhesive by pressing and moving them until they reach the desired position.

For joint filling:

The joints must be clean and dry to allow the product to be applied using a rubber trowel, moving diagonally to the direction of the joints. This ensures complete filling and removal of excess material. Once Epofast 360 has sufficiently dried, the excess on the tiles should be removed using a soft, damp sponge. After that, a final cleaning is done with a clean sponge. Using lukewarm water facilitates the cleaning process. For better cleaning, add 10% solvent to the water used.

STORAGE

24 months from the production date, if stored in its original, sealed packaging, in environments protected from moisture and direct sunlight. Storage temperature must be between +5°C and +35°C.

CONSUMPTION

1.5 kg/m²/mm thickness

PACKAGING

Plastic container 1 kg/15 kg

