



TECHNICAL DATA SHEET PRODUCT

EPOXY FLEX G94



EPOXY-POLYURETHANE ADHESIVE UNIVERSAL PURPOSE

DESCRIPTION

Bi-component product (base+catalyst) based on epoxy and polyurethane resins and selected inert filler, for bonding heterogeneous materials on support having the tendency to have movements. It performs a very good adhesion on different kind of support/background, good chemical and mechanical resistance.

FIELD OF USE

Adhesion of tiles of any type (ceramics, marble, granite, natural stones) to metal, ceramic, cement screed, concrete, wood, plasterboards, anhydrite screed, cement plaster (provided is compact).

Adhesion of iron with iron, provided is sandblasted.

Suitable to be used for bonding parquet, provided is checked the residual humidity of the support/background

WARNING

- Do not use on supports subject to rising humidity.
- Do not use in presence of humidity
- Do not use at temperatures lower than 10°C (50°F)
- Do not use of dirty support/background

HOW TO USE

PREPARING THE SURFACE. Clean carefully the surface and remove any kind of dust, friable parts, traces of cement/concrete, greasy substances, etc.

PREPARING THE MIXTURE. Mix carefully the component A and the component B and using a spatula to collect all the hardener (to have always the right mixing ratio).

For a perfect mixing it is suggested to use a drill or a stirrer, working at low rpm, equipped with the appropriate helical tool and taking care to scrape several time the wall of the container used for mixing. Mix till to have a homogeneous paste/mixture.

Never add solvents or other liquid to make easier the mixing.

APPLICATION. Spread the obtained mixture onto the clean and dry support (in case of application on iron it is better the iron is sandblasted or, anyway, roughened) by using a notched spatula.

Work on small surface from time to time and lay quickly the tiles.

To obtain a better adhesion, press the tile on the adhesive to let the most part of the back of the tile is in contact with the adhesive.

Suggested application temperature between +10°C (50°F) and +30°C (86°F)

CLEANING. EPOXY FLEX G94 can be removed by using solvents only before its hardening. Once hardened, the cleaning and removal are possible only mechanically.

IMPORTANT

If the room temperature is high:

1. *Apply quickly the mixture/paste to the support in order to avoid its hardening inside the container.*
2. *Lay quickly the tiles before the adhesive develops a superficial "skin".*
3. *Mix small quantity of adhesive (component A) and hardener (component B) each time and respect scrupulously the mixing ratio*

MIXING RATIO

Component A : Component B = 94 : 6



PACKAGING

Set A+B of **5 kg. net** Component **A = kg. 4,700** Component **B = kg. 0,300**
Set A+B da **10 kg. net** Component **A = kg. 9,400** Component **B = kg. 0,600**

The bottle of the hardener/catalyst is inside the packaging of the Component A

STABILITY

The product into its original and unopened packaging, stored in dry place at temperature between +15°C and +25°C (59°F and 77°F) has a stability of 12 months.

Protect from frost the stored cans/tins

TECHNICAL DATA

	component A	component B
Physical state	thick paste	fluid liquid
Colour	white	pinkish straw
Specific gravity	1,66 - 1,76 kg/l.	0,9 - 1,1 kg/l.
Viscosity	>850000 mPas	300-700 mPas
Toxicity	irritant	corrosive
Flammable	no	no
Aspect of the mixture		pasty
Pot life at 25°C (77°F)		400 gr. at 25°C - 160-180 minutes
Temperature of application of the mixture		+10°C - +30°C (50°F - 86°F)
Hardening (when respected the ratio between component A and component B)		4 hours about
Catalysis completed after		72 hours

LIMITATION OF LIABILITY The data provided derive from published information or from our own laboratory tests. The information provided here must be considered as a guideline and not as any form of performance guarantee. Liability for defective products, when verified, is limited to refund of the purchase price since application of the product is beyond the control of the manufacturer or supplier

A PRELIMINARY TEST IS ALWAYS RECOMMENDED BEFORE THE APPLICATION