



Certified Quality System
company
UNI EN ISO 9001:2015

TECHNICAL DATA SHEET PRODUCT

EPOXY AD 150-11

BICOMPONENT, STRUCTURAL EPOXY ADHESIVE for building materials, bricks, ceramics, natural stones, wood

Semi-solid bi-component epoxy adhesive, specially formulated for application on rigid and porous materials, for stable and permanent gluing and stuccoing.

It is made of epoxy resins reinforced by mineral fillers and catalyzed by amine hardeners.

The hardened system maintains good characteristics of elasticity allowing the adhesion also of different kind of supports (stone-metal, ceramics-wood, ceramics-metal, etc.)

FIELD OF USE

Permanent bonding of building materials, cement, marble, granite, natural stone, ceramic products, wood with each other or with other supports.

CHARACTERISTICS

- Excellent adhesion
- Resistant to atmospheric agents, acid rains
- Resistant to solvents, to basic environments (suitable therefore on cement) and acids
- Almost nil shrinkage
- Virtually odourless
- Can also be used for the application of fibreglass net for reinforcing materials.

WARNINGS

- Avoid using at temperatures below 10°C / 50°F
- Does not adhere to silicones
- Does not adhere on polyethylene

HOW TO USE

PREPARING THE SURFACE. Thoroughly clean the surfaces eliminating all traces of dust and loose parts, traces of cement, gypsum, grease, etc. Better adhesion if the substrate is slightly roughened.

PREPARING THE MIXTURE. Mix carefully, using mechanical equipment, component A and component B exactly in the ratio indicated A:B = 100:50 until complete homogenization

APPLICATION. Apply the mixed product on the clean and dry substrate with a spatula.

After 10 - 12 hours it is possible to move the product and after 24-48 hours (depending on the environmental conditions, temperature, humidity, etc.) it is possible to proceed with the following operations.

IMPORTANT

- Do not use the A + B compound already in the gelling phase
- Do not return the unused product to the can
- Store at temperatures between 10°C/50°F and 30°C/86°F
- The hardening becomes faster at high temperatures and slower at low temperatures

MIXING RATIO in weight

Component A : Component B = 100 : 50



STABILITY

The product kept in its original sealed and intact packaging, and stored in a dry place at a temperature of 15°C/59°F - 25°C/77°F, has a stability of at least 12 months. Protect from frost.

PACKAGING

set A+B of total 2.25 kg. (component A: 1.5 kg ; component B: 0.75 kg)
set A+B of total 25 kg. (component A: 20 kg ; component B: 10 kg.)

TECHNICAL DATA

	component A	component B
Physical state	Soft paste	Soft paste
Color	White	Light yellow
Odour	characteristic (light)	characteristic (light)
Density at 20°C/68°F	1,55 ± 0,05 g/cm ³	1,20 ± 0,05 g/cm ³
Toxicity	irritant	corrosive
Flammability	no	no

DATA OF THE MIXTURE A+B		
Catalysis ratio	A : B = 100 : 50	
Appearance of the mixture	Soft paste	
Working time (A = 200 g. + B = 100 g.)	15-20 minutes at 25°C /77°F	
Time of reactivity in thin layer (superficial hardening)	3 to 4 hours (at 25°C/77°F) 1 to 1 ½ hours (at 40°C/104°F)	
Handling time of the pieces (after application at room temperature 25°C/77°F)	> 10 hours	
Time of complete polymerization	2 to 4 days (depending on environment conditions)	

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 the application of the product is beyond the control of the manufacturer or supplier.

A PRELIMINARY TEST IN A SMALL, HIDDEN, AREA IS ALWAYS RECOMMENDED BEFORE THE APPLICATION