

EPOXY BN

CHARACTERISTICS

BN EPOXY is a solvent free epoxy system suitable as a coating or casting resin on various surfaces. It hardens to a tack free surface. BN EPOXY is self levelling, pigmented and slightly filled.

AREA OF APPLICATION

Coating and casting resin for porous and flat surfaces. Encapsulation of electric wiring.

Special use:

Water proof coating for gutters, pipes and tanks made of concrete or steel. Casting resin for cracks or defects in concrete and other materials. Encapsulation of electric wiring and other cavities.

PRODUCT DATA

Shelf life at least 6 months in unopened original container

Specification - Mix at 20°C:

Mixing ratio A : B	100 : 25 parts by weight
Viscosity of mixture at 20°C	ca. 2.700 mPa.s Working
time at 20°C (200 g mix)	ca. 40 minutes

Specification - Cured:

Compressive strength	70 N/mm ²
Tensile strength	19 N/mm ²
Flexural strength	57 N/mm ²

INSTRUCTIONS FOR USE

Mix the two components thoroughly and apply with a brush or a wool roller onto the prepared surface. A porous surface - such as wood or concrete - should first be primed with G4. Sand blasted metals need not to be primed. Vertical areas should be coated twice to achieve a sufficient layer thickness of approx. 300-400 µm. The second coat must be applied within 24 hours. The ideal working temperature is 20°C. Maximum strength will be reached after 3-5 days. If the working temperature is lower (minimum 10°C), the potlife and curing time are lengthened. However, the potlife is highly dependant on the amount of the resin in the mixing container. The amount used per coat is approx. 250 g/m². BN EPOXY is suitable as casting material for layers up to approx. 3 cm thick. The BN system is highly resistant against alkalis and many organic solvents.

SAFETY

The before mentioned technical data and information, especially the recommendations for applying and using our products, are based on our current knowledge and experience when applied under normal conditions. In practice, the materials, surfaces or site conditions are so different that no warranty regarding the working results or liability, arising out of any relationship, can be inferred neither from this information nor from a verbal consultation.

Directions for handling and waste disposal are in our Security Safety Data Sheet and the specifications of the Employers Liability Insurance Association for the chemical industry .