

# EPAND-597

## Technical data sheet



MAVAD ALI ALBORZ  
مهندسی مواد آلی البرز

### Product description.

This product is a two-component epoxy adhesive with the property of non-sharia and filling to bond different surfaces in the construction industry. It is suitable for the following applications.

### Application areas

- ) Prefabricated concrete
- ) products Concrete pipes and tanks Injection bolts
- ) Fiberglass parts
- ) Natural stones
- ) Concrete floors and stairs
- ) Ceramic bricks
- ) Concrete columns
- ) Metals
- ) Damaged concrete molding

Typical Properties	part A	part B
Appearance	Thixotropic paste	Thixotropic paste
Density (g/cm <sup>3</sup> )	white	Gray
Viscosity at 25 C Pot life at 25°C, 100 g, min	1.54	1.54

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### Processing Data

Mixing Ratio:	1 part resin to 1 part hardener by volume
Mixing:	Mix until uniform grey or white
Working life at 25°C:	45 minutes
Minimum Application Temperature:	10°C
Minimum Cure Time:	12 hours at 25°C
Full Cure Time:	4 days at 25°C

### Typical Physical Properties

Property	value	test method
tensile strength	28 mpa	ASTM D638
tensile shear strength steel/steel	10 mpa	ASTM D1002
compressive strength	80 mpa	ASTM D695
flexural strength	15 mpa	ASTM D790