

## Technical Data & Instruction Sheet

### PRODUCT BENEFITS

Excellent spread ability and sag resistance

Excellent grip and adhesion strength

Hardening even at low temperatures

Cost saving

### DESCRIPTION

BA50 IN is epoxy based adhesive for providing reinforcement of marble blocks during processing. BA50 IN is applied manually on four sides of the block with a fiber glass sheet.

### DIRECTIONS

Read entire label before using. Use only as directed. Always test on a small area to check desired results. Make sure surface is clean and free of waxes, dirt and coatings. Ensure proper and thorough mixing of resin (PART A) and hardener (PART B) before applying. **DO NOT MIX ANY SOLVENTS.**

### METHOD OF APPLICATION

#### RECOMMENDED SURFACES

Marbles and Natural Stones

#### MIXING RATIO

2 parts Part A to 1 parts Part B (pbw)

#### AVAILABLE SIZES

Part A – 20kg

Part B – 10 kg

#### COVERAGE

400 to 450 sq. ft. per pack (30kg) at 5mm thickness

#### TECHNICAL INFORMATION

Form: Thixotropic Paste

Density: 1.3-1.4 g/cm<sup>3</sup>

Touch Dry (30°C): 1 hr 30 minutes

Curing Time(30°C): 4-5 hrs

Tensile Adhesion Strength: > 2 MPa (Pull off)

Shelf Life: 2 years

1. The substrate must be thoroughly cleaned and should free of moisture, dirt, oil and grease etc. Use Gloves during application.
2. Mix part A and B homogeneously.
3. 2 pbw Part A should be added to 1 pbw PartB.
4. After Mixing, apply a thin layer of BA50IN about 2mm on the block surface.
5. After applying BA50IN on the block surface attach fiber glass reinforcement sheet to the adhesive layer.
6. After attaching fiber glass reinforcement sheet apply a second layer of BA50 IN on top of the fiber glass reinforcement sheet. The thickness of the second layer should be 3-4mm.
7. After 4-5 hours, the treated part can be further processed and transported.
8. The low temperatures can significantly affect the curing process. At temperature below 15°C it is advisable to process the marble block after 10 hours.

#### STORAGE AND HANDLING NSTRUCTIONS

1. May be harmful if swallowed. May cause skin, eye and respiratory irritation.
2. Use in a well ventilated area.
3. Do not ingest.
4. Do not freeze or store above 40° C.
5. Do not mix with other chemicals.

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