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EPOXY RP027 WITH HARDENER IPE725

DESCRIPTION:

Two-component epoxy system to be filled separately with fine quartz, grit or other fillers. Fast curing.

APPLICATION:

Realisation of screeds and subfloors for casting floors.

PROCESSING:

Apply the mixture, filled with inert fillers, with a spatula. Apply to dry surfaces (absolute humidity lower than 50%) and in environments with temperatures higher than 16 - 18°C.

SYSTEM SPECIFICATIONS:

Resin RP 027

- | | |
|---------------------|----------------|
| ✓ Viscosity at 25°C | 600-800 mPas |
| ✓ Color | pale yellow |
| ✓ Density at 25°C | 1.10-1.15 g/ml |

Harder IPE 725

- | | |
|---------------------|----------------|
| ✓ Viscosity at 25°C | 300-400 mPas |
| ✓ Color | colorless |
| ✓ Density at 25°C | 1.00-1.02 g/ml |

CHARACTERISTICS OF THE TYPICAL SYSTEM:

Processing Data:

- | | |
|--|-----------|
| ✓ Mixing ratio by weight | 100:45 |
| ✓ Mixing ratio in volume | 100:50 |
| ✓ Processing time at 25°C (100ml, 40mm) | 10-15 min |
| ✓ Gelling time at 25°C (15ml; 5mm) | 2-3 u |
| ✓ Exothermic peak at 25°C (100 ml, 40mm) | 180-200°C |
| ✓ Maximum recommended thickness | 4-5 mm |

TYPICALLY CURED SYSTEM PROPERTIES:

Properties determined on cured samples: 24 h KT (room temperature) + 15 h 60°C

- | | |
|--------------------|------------------|
| ✓ Color | colorless |
| ✓ Density at 25°C | 1.08-1.10 g/ml |
| ✓ Hardness at 25°C | 85-90 shore D/15 |

INSTRUCTIONS:

Check the components and homogenize if necessary before use. Mix the two components (resin and hardener) in the correct mixing ratio avoiding air entrapment until a homogeneous mixture is obtained, then pour.

CURING / POST TREATMENT:

No need.

STORAGE:

Epoxy resins and hardeners can be stored in their original closed packaging in a cool and dry place for more than a year. Hardeners are moisture sensitive.

Refer to the product data sheet for health and safety.