



TECHNICAL INFORMATION

Product

ELI-BOND FR961E1 is an ambient temperature curing, non-flowing, two component epoxy tile adhesive.

Colour	:Resin - White :Hardener - Beige
Mixing Ratio	:By Weight - 100 parts resin to 50 parts hardener
Specific Gravity/ 25°C	: Mixed system 1,55 – 1,60 g/cm ³
Viscosity/ 25°C	: Mixed system – Semi thixotropic paste
Practical Working Time (Pot Life)	: 25°C : 10 – 15 minutes
Geltime / 25°C	: 50 – 55 minutes
Drying time/25°C	: 2-3 hours
Application	: By trowel
Coverage	: 1,55kg per m ²
Heat Resistance	: 80 –85°C continuous exposure
Flammability	: Non- Flammable
Adhesion to steel (shotblasted)	: > 10MPa
Adhesion to ceramics	: 12 MPa

Typical Cured Properties

Hardness after 24 hrs : Shore D80 –83

Tensile Strength (DIN53454) : 20 Mpa

Impact Withstand (DIN53455) : >5Kj/m²

Chemical Resistance : Fully impervious (when cured) to oils, diluted acids, inorganic compounds, alkalis, petrol, benzine and alcohols.

Typical Applications

Bonding ceramic wear tiles to horizontal and vertical surfaces

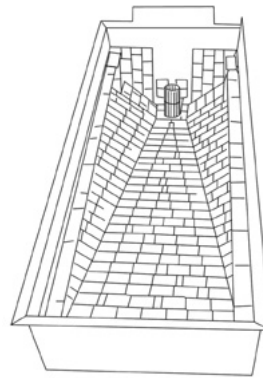
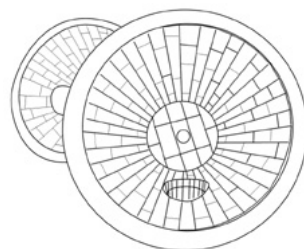
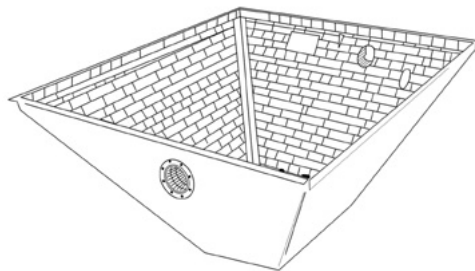
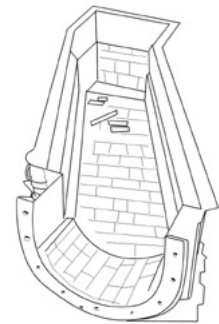
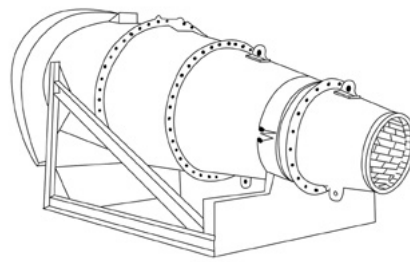
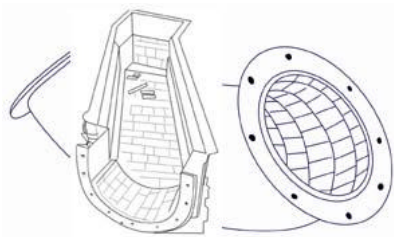
Bonding ceramic to ceramic

Bonding ceramic to steel

Bonding ceramic to metallics

Bonding ceramic to concrete

Bonding ceramic to aluminium



NOTICE

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