



## **TECHNICAL INFORMATION**

ELI-BOND FR972HT is an ambient temperature curing, non-flowing, two component epoxy tile adhesive with high temperature capabilities.

Colour	: Resin - White : Hardener - Amber / honey colour
Mixing Ratio	: By Weight - 100 parts resin to 18 parts hardener
Specific Gravity/ 25°C	: Mixed system 1,40 – 1,45 g/cm <sup>3</sup>
Viscosity/ 25°C	: Mixed system – Semi thixotropic paste
Practical Working Time (Pot Life): 25°C	: 10 – 15 minutes
Geltime / 25°C	: 20 – 25 minutes
Drying time/25°C	: 40- 45 minutes
Application	: By trowel
Coverage	: 1,45kg per m <sup>2</sup>
Heat Resistance	: 145°C continuous exposure, 175°C short cycle
Flammability	: Non- Flammable
Adhesion to steel ( shotblasted )	: 20 N/mm <sup>2</sup>
Adhesion to ceramics	: 18-20 N/mm <sup>2</sup>

### **Typical Cured Properties**

Hardness after 24 hrs	: Shore D85 – 90
Tensile Strength ( DIN53454 )	: 45 N/mm <sup>2</sup>
Impact Withstand ( DIN53455 )	: > 11kJ/m <sup>2</sup>

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

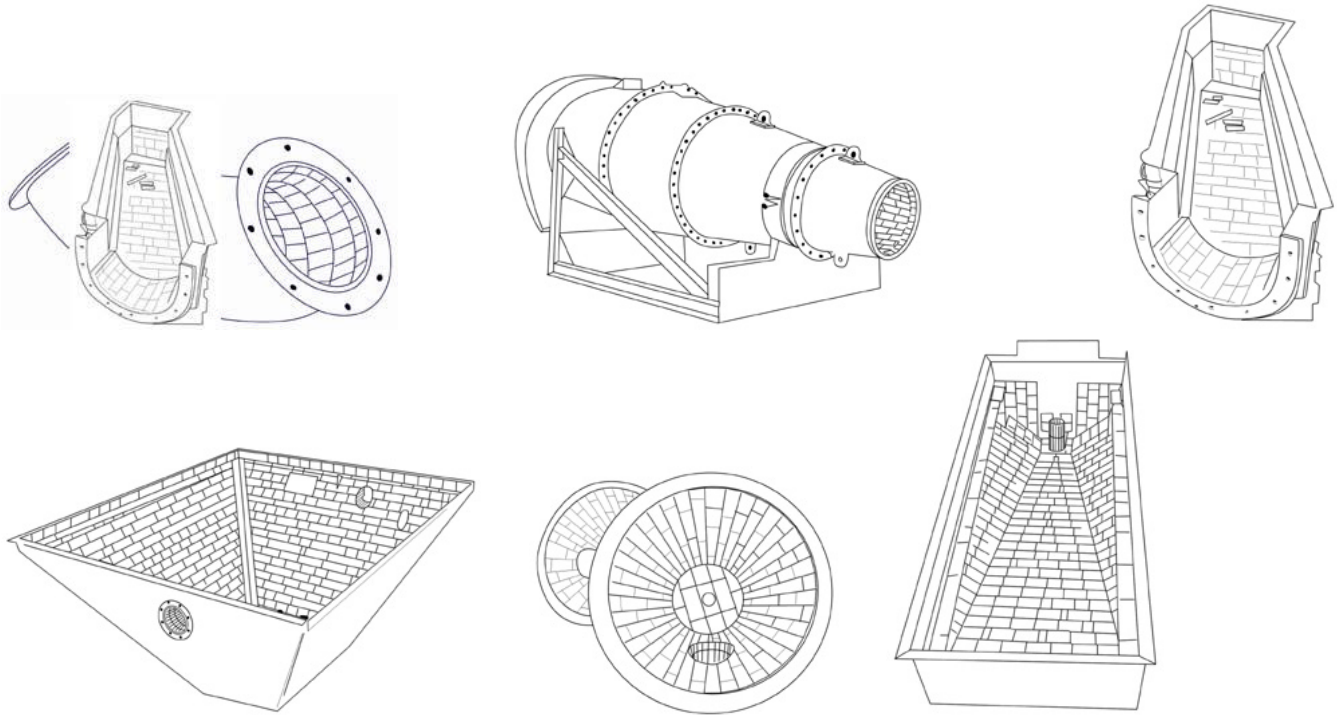
Bonding ceramic to ceramic

Bonding ceramic to steel

Bonding ceramic to metallics

Bonding ceramic to concrete

Bonding ceramic to aluminium



## **NOTICE**

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