

Firestop Putty

Firestop Putty is a specialized three pack fire-resistant sealing and repair compound designed for use on harsh industrial and marine environments to maintain fire integrity at cable, pipe penetrations and other assets in bulkheads, decks and other areas. It helps prevent the spread of fire, smoke, and toxic gases between compartments. Once cured, it forms a durable solid, corrosion-resistant barrier support that's durable and ideally suitable for extreme conditions. The kit comprises of three components:

1. Epoxy Resin / Part A
2. Epoxy Curing Agent / Hardener / Part B
3. Reinforcement / Rebuild Filler Ceramic Composite

Technical Specifications:

Mixing Ratio	2:1 by Weight or Volume – Plus Ceramic as required to your desired Viscosity
Application Temperature	Room temperature (typically 10°C to 30°C)
Curing Conditions	Cures
Full Cure Time	~24–48 hours (depending on temperature, humidity and thickness)
Pot Life	~30 minutes at 25°C
Coverage	Measure to fill the cavity/mould
Chemical Resistance	Excellent against water, oils, and many chemicals
Adhesion Strength	High to metal, concrete, brick and tiles
Shelf Life	12 months (unopened, cool dry storage)

Key Benefits:

- Fire Resistance
- Easy Mouldable
- Easy to install and easy to repair
- Smoke & Gas Sealing
- Water Resistant
- Non-Toxic & Zero VOC
- No hot work required
- Excellent adhesion to metallic & non-metallic surfaces
- No shrinkage or expansion
- Prevents galvanic corrosion
- Tough and durable once cured
- Good mechanical strength
- Long-life without self-hardening or drying out
- Flexible to accommodate vibration
- Ozone & UV Resistant
- Non-Intumescent system

Applications:

Fire Protection of Assets	Pipe Protection
Protection of Cables & Wires	Repair and Maintenance

Installation

- Step 1:** Surface Preparations
Step 2: Moulding and Setting up your target zone
Step 3: Mix and Apply
Step 4: File and Profile

Prepare the surface by means of cleaning, sanding, blasting, grinding or wire brushing. Ensure all surfaces are clean, sound, dry, frost-free, and free of bond-breaking contaminants and loose material.

Install backing and support material (as required) to be prepared for moulding in your Firestop Putty.

Mix your Epoxy Part A (Resin) with Part C (Ceramic) to achieve your ideal consistency. Add Part B (Curing Agent/Hardener) and mix for 1-2 min. Apply/Pour into your zone and let it cure.

Allow 12-16 hours curing time followed by removing the mould and filling/profiling as required.

Kit Sizes (Vol)	Mix Ratios / A&B	Part C - Ceramic
750mL	2A:1B (0.5Lt A + 0.25Lt B)	250gr
1.5L	2A:1B (1Lt A + 0.5Lt B)	500gr
3L	2A:1B (2Lt A + 1Lt B)	1Kg
6L	2A:1B (4Lt A + 2Lt B)	2Kg
15L	2A:1B (10Lt A + 5Lt B)	5Kg
30L	2A:1B (20Lt A + 10Lt B)	10Kg