



PYROMASTIC EP

REFRACTORY MASTIC

Pyromastic EP is a ready-to-use repair and patching material for refractories that contact molten aluminium. The mastic can also be used as a thermal insulator or sealant in certain applications.

PHYSICAL PROPERTIES

Property	Value
Wet Density–g/cm3 (lb/in3)	1.32 (0.05)
Dry Density–g/cm3 (lb/in3)	0.84 (0.03)
Solids Content	47.2%

BENEFITS

- Excellent durability
- High refractory or steel plate adhesion
- Limited cracking
- Non-wetting and liquid aluminium attack resistant
- Can be used with billet basins, plates, filtration boxes and for launder repair

COMPOSITION

Material	Approximate Percentage of Weight
SiO ₂	73–77%
Al ₂ O ₃	23–25%



APPLICATIONS

- Filter bowls
- Refractory repair and patching
- Troughs and launders

AVAILABILITY

- 20 kg (5 gallon) pail

USE INSTRUCTIONS

The mastic is provided pre-mixed and ready for use.

1. Clean loose debris from the refractory surface with a wet cloth.
2. Apply the mastic with either a trowel, or carefully with gloved hands.
3. The finished mastic application should protrude slightly beyond the refractory surface to account for shrinkage.
4. Fire the mastic at temperatures of at least 100°C (212°F) to remove any moisture and confirm joints or repairs are safe for molten aluminium contact.
5. Once dry, the excess mastic can be sanded smooth.

STORAGE

Six month shelf life in the original packaging

