

PROMIXSEALER® AL + ALX PRODUCTS

ProMixSealer® AL and ALX products are in-house manufactured joint and patch compounds, based on body soluble fibres.

ProMixSealer® products are specially developed to repair and securely bond the refractory launder joint segments. **ProMixSealer®** has an extremely low thermal shrinkage in combination with excellent strength and superior non-wetting characteristics.

ProMixSealer® AL and ALX are available in 5 kg, 15 kg and 25 kg drums. **ProMixSealer® AL** is also available in 300ml cartridges.

Installation Instructions

The surfaces which are bonded must be clean and free of dirt, dust, and coating residues. Curing and the development of bonding strength takes place through normal air drying. Low temperature heat (less than 150°C) can be used to accelerate the drying process.

ProMixSealer® AL and ALX non-wetting mouldables can be installed and smoothed with plastic gloves, spatulas and trowels. **ProMixSealer® AL** can also be installed with a caulking gun either manual or with pressure. The maximum recommended thickness per application is 50,8 mm. The storage temperature should be between 4°C and 32°C. **ProMixSealer®** can be stored for up to 6 months if kept unopened in cool, dry conditions.

	ProMixSealer AL(*)	ProMixSealer ALX
Appearance	White Coloured Putty	White Coloured Putty
Composition, Fired (%)	SiO ₂ 65-68 MgO 19-23 Al ₂ O ₃ 1-2 Calcined Clay 0-30	SiO ₂ 65-68 MgO 21-23 Al ₂ O ₃ 4-5 Calcined Clay 0-30
Density wet (kg/m ³)	1700	1850
Density, dry (kg/m ³)	1250	1500
Loss on ignition (%)	< 3	< 3
Modules of Rupture (Kpa) 24 hr. Exposure at 870°C	3000	3000
Linear shrinkage (%) - 815 °C, 24 hours	< 0,5	< 0,5
Maximum service temperature	1000°C	1000°C
Resistance to molten aluminium	Excellent	Excellent

* For special applications, a low viscosity version is available; ProMixSealer ALV

These properties represent typical results obtained under laboratory conditions and are subject to normal variations. Results are subject to change and should not be used for specification purposes.