



PRODUCT DESCRIPTION

- MgO mixes for universal applications. Suitable for tundishes , ladles & EAF .
- These magnesite mixes are formulated for resurfacing and sealing of existing refractories.
- They offer high mechanical resistance coupled with low shrinkage
- The nature of the product's binder and the sizing of its aggregate assures immediate adhesion to the refractory surface without any rebound and waste





ADVANTAGES

- Increased lifetime of permanent lining for tundishes and ladles
- Increased wear resistance in slag area
- Possibility to achieve longer production run sequences
- No sticking of steel/slag to the safety lining (especially in the slag area)
- Working in safer environment



MAIN TECHNICAL DATA

Chemical composition

			KEROSEAL 80
MgO	83%	64%	69%
Al ₂ O ₃	3,5%	5,0%	4,7%
SiO ₂	7%	20%	17%
Fe ₂ O ₃	1,4%	3,1%	2,5%
Cold crushing strength 50		42	38
Required mater without allowa	rial ance) 2400	2250	2200



INSTALLATION OF KEROSEAL



1 Remove the slag, debris and dust from the lining. Then moist the clean and trimmed surface

2 Mix Keroseal to develop with water to develop a stiff consistency

3 Ram, smear, gun or patch KEROSEAL to resurface the lining

4 Apply as a single layer and avoid thin multiple layers





INSTALLATION OF KEROSEAL

STEEL LADLES

1 Remove the slag, debris and dust from the lining. Then moist the clean and trimmed surface

2 Mix Keroseal to develop with water to develop a stiff consistency

3 Ram, smear, gun or patch KEROSEAL to resurface the lining

4 Apply as a single layer and avoid thin multiple layers





INSTALLATION OF KEROSEAL

TUNDISHES

Remove the slag, debris and dust 1 from the lining. Then moist the clean and trimmed surface

2 Mix Keroseal to develop with water to develop a stiff consistency

Ram, smear, gun or patch 3 **KEROSEAL to resurface the lining**

Apply as a single layer and avoid 4 thin multiple layers



Install the working layer 5

aprox. 30 mm



PRODUCT APPLICATIONS

Application methods:

- Rough Casting
- Trowelling
- Gunning
- Ramming

Where:

- 1 Electric Arc Furnace (E.A.F.)
- 2 Steel Ladles
- 3 Tundishes





THANKS FOR YOUR ATTENTION

This is only a presentation and we are always delighted of a prospective visit to our facilities

