

**T E C N O D R Y**

refractory granulate for ladle interspace

This product is indicated for the cavity of the ladle, between the wear wall and the security wall, in order to block steel infiltrations that could damage both the security bottom and the wall.

The minimum recommended thickness of the cavity is 5 mm.

The product is applied in a dry state, without adding water. It is an ecologic product, it does not release fumes or gas.

It is compatible with materials having chemical composition based on alumina, dolomite, magnesite, chrome magnesite or silicon carbide.

At 400° C the material starts sintering, definitely compacting during the ladle heating cycle.

Once the material has fully compacted, it will no longer return at its original state, but it will fall apart together with the bricks, facilitating the demolition of the working lining at the end of the ladle campaign.

**CHEMICAL ANALYSIS**

<b>AL2O3</b>	3 %
<b>SI02</b>	40 - 41 %
<b>FE2O3</b>	6 %
<b>CAO</b>	2 %
<b>MGO</b>	45 - 47 %
<b>ALCALI</b>	2 %

**PHYSICAL CHARACTERISTICS**

Main components:	magnesium spinel
Grain size:	0 - 1,2 mm
Umidity:	< 0,5 %
Maximum operating temperature:	1680°C
Physical aspect:	gray brown granulate
Nature of the binder:	chemical
Method of use:	dry
Density:	1,8 ton/m <sup>3</sup>
Thermal conductivity (W/mk)	a 400° C : 1,90 a 800° C : 1,90 a 1200° C : 1,80
Packing:	in paper bags kg. 25 each on pallet shrunk wrapped
Storage:	six months in the original packing

Technical characteristics are indicative as they refer to average production values in the long term. In any case they cannot be used as a specification and guarantee of minimum values.