PRODUCT NOT CONFORMED	PYRORAM Z

CLASIFICATION **ISO 1927-1**	Refractory ramming mixes of chemical hardering. Base silicate and zircon. Application of manual or mechanical tamped. Class 1600ºC

REFERENCE		0513	850.RT	**GROUP**	**FAMILY**	STANDARD
				NC	26	

AVERAGE CHEMICAL ANALYSIS (Obs "A")

Al2O3	0,4	%
SiO2	31,0	%
P2O5	4,3	%
ZrO2	60,0	%
Loss of ignition	3,5	%

PHYSICAL PROPERTIES

Classification temperature		1650	°C	ISO 1927-1
Bulk density	**Dry 110°C**	3,55	Kg./dm3	ISO 1927-6
Open Porosity	**Dry 110°C**	18,00	%	ISO 1927-6
Compressive strenght	**Stew 800°C**	490	Kg./cm2	ISO 1927-6
	Stew 1200°C	520	Kg./cm2	ISO 1927-6
Subsidence under		1600	°C	ISO 1927-6
Thermal conductivity to average temperature	**400°C**	1,62	W/m.K	ISO 1927-8
	800°C	1,62	W/m.K	ISO 1927-8
	1200°C	2,09	W/m.K	ISO 1927-8

OBSERVATIONS

Special for show window.
Ready material to tamp.
In order to strain, to add a 2% of water and to knead.
Plastic putty to add 1% of water and to knead.
Storage limit 6 months in fresh warehouse.

"A" alternative Method = Spectrometry by FRX

The technical characteristics represent the obtained average values according to methods of tests recognized on standardized materials; they are put under the normal variations of manufacture and they do not have to be taken like specifications. The data of density and compressive strenght will not be valid for manual productions.

EQUIVALENCES

1 N/mm2 = 1 MPa = 10,2 kg/cm2
1 kg/cm2 = 0,098 MPa = 0,098 N/mm2
1 W/mK = 0,86 kcal/mhK
1 Kcal/mK = 1,16 W/mK