

PRODUCT NOT CONFORMED**PYROSHOT MCC-87****CLASIFICATION
ISO 1927-1**

Dense hydraulic MCC refractory concrete.
Base bauxite and corundum.
Aplication by gunning.
Class 1700°C

REFERENCE	937905	1119	1236.RT	GROUP	FAMILY	STANDARD
				NC	18	

AVERAGE CHEMICAL ANALYSIS (Obs "A")

Al ₂ O ₃	81,7	%
SiO ₂	10,3	%
Fe ₂ O ₃	0,9	%
CaO	3,6	%

PHYSICAL PROPERTIES

Classification temperature		1700	°C	ISO 1927-1
Bulk density	Dry 110°C	2,73	Kg./dm ³	ISO 1927-6
Compressive strenght	Dry 110°C	510	Kg./cm ²	ISO 1927-6
	Stew 800°C	410	Kg./cm ²	ISO 1927-6
	Stew 1200°C	440	Kg./cm ²	ISO 1927-6
Permanent Linear Variation	1200°C	-	0,47 %	ISO 1927-6
Thermal conductivity to average temperature	400°C	1,28	W/m.K	ISO 1927-8
	800°C	1,36	W/m.K	ISO 1927-8
	1200°C	1,40	W/m.K	ISO 1927-8
Kneaded water of		6,8	%	ISO 1927-4

OBSERVATIONS

Special dry gunning refractory concrete.
Of low bounce.
Storage limit 8 months in dry 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