ISULATION PRODUCT	MANTAS SUPERWOOL PLUS

CLASIFICATION **S/EN 1094-1**	Flexible insulating refractory material without binders. Base silico calcium. Application gluing or fastened with anchors. Class 1200ºC

REFERENCE		0615	PY	**GROUP**	**FAMILY**	ESTANDAR
				FB	11	

CHEMICAL AVARAGE ANALYSIS (Obs "A")

AL2O3	0,2	%
SiO2	65,0	%
CaO+MgO	34,0	%

PHYSICAL PROPERTIES

Classification Temperature	1200	°C	EN 1094-1	
Permanent linear shrinkage	1	%	EN 1094-6	
Aparent density (kg/m3)	64	96	128	160
Thermal conductivity (w/mk)				
200ºC	0,07	0,06	0,06	0,06
400ºC	0,12	0,11	0,1	0,09
600ºC	0,22	0,17	0,16	0,15
Tensile strength (MPa)	35	65	90	110

FORMATS AND PACKAGING Dimensions depending on thicknesses.
Thicknesses: 6, 13, 19, 25, 38, 50 mm.
For other dimensions please consult our technical department.

OBSERVATIONS

Temperature of continuous use with low shrinkage = Old 607 improved.
No carcinogenic under note Q of directive 97/69 CE

"A" Alternative Method = Spectrometry by FRX

Indicated norms applicable. Other norms according to previous agreement.
The technical characteristics represent the medium values from reconized essay methods of standard materials; they under the normal ofmanufacturins and should not be considered like specifications.

EQUIVALENCES

1N/mm2 = 1MPa = 10,2 kg/cm2
1kg/cm2 = 0,098 Mpa = 0,098 N/mm2
1W/m.K = 0,86 kcal/m h.K
1Kcal/m.K = 1,16 W/m.K