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TECHNICAL DATA

PRODUCT NAME: HY-RAM 80

PRODUCT DESCRIPTION: High Duty High Alumina Plastic

APPLICATIONS: Burner Ports, High Temperature Areas

Max. Service Temp.: 1750°C **Cone refractoriness:** +1800°C

Installation Method: Ramming **Setting:** Air & Heat

Installed Yield: 2600 kgs/m³ **Maximum Grain Size:** 6.35mm

Water Addition: None required **Curing Time:** None required

Normal Packing: 25Kg Cartons

PHYSICAL PROPERTIES
(After Firing)

All Physical Test Data Values are on Cast Samples.

Firing Temp.	Bulk Density ASTM C134	Cold Crushing Strength ASTM C133	Permanent Linear Change ASTM C113
°C	Kg/m ³	Kg/cm ²	%
110	2600	30 - 50	-0.03
Max Temp	2630	150 - 200	-1.20

THERMAL CONDUCTIVITY
(BS 1902)

Mean Temp °C			
600		800	
W/mk	0.92	0.96	

CHEMICAL ANALYSIS %
(XRF)

SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	
19	78	1.5	

The above data are typical results of laboratory test. They are thus representative for guidance only and therefore do not constitute a Specification or form part of a Contract.