



LOT PT 521, (LOT 3421), BATU 23, JALAN BATANG BERJUNTAI, 48000 RAWANG,
 SELANGOR DARUL EHSAN, MALAYSIA.
 TEL: 603-6091 2734, 6092 5276, 6092 7409 FAX: 603-6091 2749
 E-mail: armsb@po.jaring.my Website: www.arm.com.my

TECHNICAL DATA

PRODUCT NAME: HY-RAM 45

PRODUCT DESCRIPTION: Super Duty Mouldable

APPLICATIONS: Boilers, incinerators, Heat treatment Furnaces

Max. Service Temp.: 1600°C **Cone refractoriness:** +1700°C

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

Installed Yield: 2200 k/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/m3	Kg/cm ²	%
110	2200	30 - 50	-0.50
Max Temp	2000	120 - 140	1.00

THERMAL CONDUCTIVITY
(BS 1902)

Mean Temp °C	600	800	
W/mk	0.94	1.01	

CHEMICAL ANALYSIS %
(XRF)

SiO2	Al2O3	Fe2O3	
50	46	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.