

PRODUCT	: ACE PLAST RAM BC PATCH CBB
PRODUCT CLASS	: REFRACTORY MONOLITHIC
TYPE	: ALUMINOUS PLASTIC PATCHING MASS
NATURE OF BOND	: CHEMICAL / CERAMIC
INSTALLATION	: RAMMING / PATCHING

GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE:	1650 °C
MAXIMUM GRAIN SIZE:	3 mm
PRE -8 LIQUID FOR RAMMING:	10.7 – 11.7%

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al ₂ O ₃	75.0 – 80.5	78.50	BIS 12107 Part 3
Fe ₂ O ₃	1.00 – 1.50	1.15	BIS 12107 Part 6

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 110 °C / 24 hrs	2.45 – 2.62	2.54	BIS 10570
CCS, kg/cm ² after drying at 110 °C / 24 hrs	235 – 435	275	BIS 10570
after heating at 350 °C / 3 hrs	220 – 410	270	BIS 10570
after heating at 550 °C / 3 hrs	205 – 405	255	BIS 10570
after heating at 815 °C / 3 hrs	300 – 550	365	BIS 10570
% Retained on maximum size	0 – 5	3	BIS 1528 Part 14

THERMAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
PLC, % after heating at 550 °C / 3 hrs	(- 0.3) to (+ 0.2)	- 0.03	BIS 10570
after heating at 815 °C / 3 hrs	(- 0.4) to (+ 0.3)	- 0.06	BIS 10570

Packaging: 25 kg bags

Delivery State: Dry

Storage Life: Best till 9 months from the date of production, if stored in proper condition.

* PRE – 8 Percentage should be adjusted to attain the Desired Workability

Note:

- (1) The data are current production averages. They can not be used as limits for specification.
- (2) The product is supplied in 2-pack