

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

GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE:	1700 °C
MAXIMUM GRAIN SIZE:	3 mm
PRE -8 LIQUID FOR RAMMING:	9.7 – 10.7%

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al ₂ O ₃	82.5 – 85.5	84.3	BIS 12107 Part 3
Fe ₂ O ₃	0.50 – 0.85	0.60	BIS 12107 Part 6

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 110 °C / 24 hrs	2.70 – 2.85	2.78	BIS 10570
CCS, kg/cm ² after drying at 110 °C / 24 hrs	260 – 430	305	BIS 10570
after heating at 350 °C / 3 hrs	285 – 470	360	BIS 10570
after heating at 550 °C / 3 hrs	275 – 425	325	BIS 10570
after heating at 815 °C / 3 hrs	200 – 350	245	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 (+ 0.3)	- 0.10	BIS 10570
after heating at 815 °C / 3 hrs	(- 0.3) to (+ 0.3)	- 0.09	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