



TECHNICAL DATA
FOR LIGHT WEIGHT COATING MIX



BRAND NAME :	NC32 - 16F
RAW MATERIAL BASIS :	MAGNESITE
PHYSICAL PROPERTIES :	
Maximum service temperature , °C	1600
Dry castable required , Kg/m ³	1730
Approximate amount of water required for coating , Liter /30Kg	6.9 – 8.4
Bulk density , Kg/m ³ after drying at 110°C	1800
Cold crushing strength , Kg/cm ² after drying at 110°C	15 – 25
after heating at 1500°C	10 – 15
Permanent Linear Change , % after heating at 1500°C	-1.5 to +1.5
Grain size, mm	0 – 1

CHEMICAL ANALYSIS :
(calcind basis)

SiO ₂	2.9
Al ₂ O ₃	3.5
Fe ₂ O ₃	2.6
MgO	87.5
CaO	1.5
Na ₂ O + K ₂ O + Li ₂ O	2.0

PACKING IN SACKS OF , Kg 30

The data are subject to reasonable variations and therefore should not be used for specification purposes .

ASTM Test Methods , where applicable , used for determination of data .

ES0100F02

(Preliminary Name: NE1 – 90)

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