



TECHNICAL DATA  
FOR LIGHT WEIGHT COATING MIX  
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BRAND NAME :	<u>NC32 - 16F</u>
RAW MATERIAL BASIS :	MAGNESITE
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1600
Dry castable required , Kg/m <sup>3</sup>	1730
Approximate amount of water required for coating , Liter /30Kg	6.9 – 8.4
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	1800
Cold crushing strength , Kg/cm <sup>2</sup> 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 <sub>2</sub>	2.9
Al <sub>2</sub> O <sub>3</sub>	3.5
Fe <sub>2</sub> O <sub>3</sub>	2.6
MgO	87.5
CaO	1.5
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> 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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