



TECHNICAL DATA

FOR DENSE COATING MIX

\*\*\*\*\*



BRAND NAME :	<b>NC21 - 17F</b>
RAW MATERIAL BASIS :	<b>BAUXITE</b>
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	<b>1600</b>
Dry material required , Kg/m <sup>3</sup>	<b>2060</b>
Approximate amount of water required for coating , Liter /25Kg	<b>3.8 – 4.4</b>
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	<b>2160</b>
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	<b>300 – 400</b>
Grain size, mm	<b>0 – 3</b>

CHEMICAL ANALYSIS :

(calcined basis)

SiO <sub>2</sub>	<b>18.2</b>
Al <sub>2</sub> O <sub>3</sub>	<b>71.0</b>
TiO <sub>2</sub>	<b>1.5</b>
Fe <sub>2</sub> O <sub>3</sub>	<b>1.5</b>
CaO	<b>6.3</b>
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O	<b>1.5</b>

PACKING IN SACKS OF , Kg **25**

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

150102R2