



TECHNICAL DATA

FOR DENSE COATING MIX

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BRAND NAME :	<b>NC21 - 15FAL</b>
RAW MATERIAL BASIS :	<b>BAUXITE</b>
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	<b>1350</b>
Dry material required , Kg/m <sup>3</sup>	<b>2400</b>
Approximate amount of water required for coating , Liter /20Kg	<b>1.6 – 2.0</b>
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	<b>2470</b>
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	<b>140 – 240</b>
Grain size, mm	<b>0 – 1</b>

CHEMICAL ANALYSIS :

(calcined basis)

SiO <sub>2</sub>	<b>19.1</b>
Al <sub>2</sub> O <sub>3</sub> +BaO	<b>71.6</b>
TiO <sub>2</sub>	<b>2.6</b>
Fe <sub>2</sub> O <sub>3</sub>	<b>2.2</b>
CaO	<b>3.3</b>
Na <sub>2</sub> O+K <sub>2</sub> O+Li <sub>2</sub> O	<b>1.2</b>

PACKING IN SACKS OF , Kg **20**

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 .

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