



TECHNICAL DATA  
FOR DENSE GUNNING MIX  
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BRAND NAME :	<b>NG41 - 5</b>
RAW MATERIAL BASIS :	<b>QUARTZITE</b>
PHYSICAL PROPERTIES :	
Maximum service temperature , °C	<b>500</b>
Dry gunning mix required , Kg/m <sup>3</sup>	<b>2000</b>
Approximate amount of water required for pouring , Liter /30Kg	<b>4.6 – 5.3</b>
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	<b>2100</b>
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	<b>250 – 300</b>
Grain Size , mm	<b>0 – 3</b>

CHEMICAL ANALYSIS :  
(Calcined basis)

SiO <sub>2</sub>	<b>66.1</b>
Al <sub>2</sub> O <sub>3</sub>	<b>11.3</b>
TiO <sub>2</sub>	<b>1.1</b>
Fe <sub>2</sub> O <sub>3</sub>	<b>5.0</b>
CaO	<b>15.5</b>
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O	<b>1.0</b>

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: NE3 – 81)

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