



**ASHAPURA  
MINECHEM LIMITED**

**HIGH ALUMINA REFRACTORY BINDER**

**Specification**

<b><u>Specification</u></b>	<b><u>70% Alumina</u></b>	<b><u>50% Alumina</u></b>
<b>Al<sub>2</sub>O<sub>3</sub></b>	72.00% Min.	51%
<b>Fe<sub>2</sub>O<sub>3</sub></b>	0.30% Max.	3.5 - 4%
<b>CaO</b>	24.00% Max.	32-35%
<b>SiO<sub>2</sub></b>	1.2%	1 - 2%
C.CS. Kg/Cm <sup>2</sup> (With Standard sand & cured at 20°C to 24 Hrs	300 Min.	300
C.CS. Kg/Cm <sup>2</sup> at 110° C to 24 Hrs	500 Min.	350
Specific surface area Cm <sup>2</sup> /gm	4000 Min.	3500
Setting Time – Initial	60 Minutes (Min.)	60 Minutes (Min.)
Setting Time - Final	120 Minutes (Max.)	120 Minutes (Max.)