

## TECHNICAL DATA

Form	:	Grey cementitious powder	
Temperature tolerance	:	Upto 200 °C	
Powder bulk density, kg/m <sup>3</sup>	:	1350	
Fresh wet density, kg/m <sup>3</sup>	:	2250	
Free expansion (linear)	:	Upto 2%	
Usable life at 30°C and 60% RH	:	30 minutes	
Typical compressive strength N/mm <sup>2</sup>	:	<b>BUILDGROUT GP</b>	<b>BUILDGROUT HS</b>
(w/c : 0.16 – 0.17)			
1 day	:	15	25
3 days	:	25	35
7 days	:	35	45
28 days	:	50	60
Flexural strength N/mm <sup>2</sup> (w/c : 0.17)			
1 day	:	2.5	
3 days	:	6.5	
7 days	:	8.0	
28 days	:	9.5	
Tensile strength at 28 days(w/c:0.17)	:	3.5 N/mm <sup>2</sup>	4.0N/mm <sup>2</sup>
Pullout bond strength N/mm <sup>2</sup>			
(w/c : 0.17)			
7 days	:	15	15
28 days	:	18	18
Young's Modulus	:	25kN/mm <sup>2</sup>	25N/mm <sup>2</sup>
Yield	:	50kg. <b>BUILDGROUT</b>	will be25 ltrs. Of void
Packing	:	50 kg. HDPE bags	
Health and safety	:	Non-toxic, non-inflammable, eco-friendly.	