



## Certificate of Analysis

TO WHOMSOEVER IT MAY CONCERN

Run Date: 01.02.2019

Product Name: - ALPHA GRIP-NSAS

REF.NO/ MFD – P913/13.01.2019

Pack Size : - 20/ 40 kg.

Test	Specification	Reference	Test Result
Dry Density	1350 – 1650 kg/m <sup>3</sup>	IS : 918 -1985	1547
Water Demand	20 - 45 %	IS:4031(Part4)1988	24.5
Wet Density	1700 – 1900 kg/m <sup>3</sup>	PPPLQAWI -006	1862
Spread Mesh	15 - 18 cm	PPPLQAWI -011	16
Workability	Good	Should be spread easily	Good
<b>SHEAR ADHESION</b> -after 24 hrs. at 27+/-2°C	> 2.5 kn	IS 15477:2004	3.01
<b>SHEAR ADHESION</b> -after 14 days dry at 27+/-2°C	>8.0 kn	IS 15477:2004	8.62
<b>SHEAR ADHESION</b> -after 7 days dry + 7 days water immersion	>4.0 kn	IS 15477:2004	5.92
<b>SHEAR ADHESION</b> -after 7 days dry + 7days 100°oven	>4.0 kn	IS 15477:2004	5.02
<b>TENSILE ADHESION</b> - after 14 days at 27+/-1°	>750 N	IS 15477:2004	830
<b>TENSILE ADHESION</b> - after 7 days dry + 7 days water	>450 N	IS 15477:2004	960

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