

SGS TEST REPORT			
QUART SURFACES SPECIFICATION			
			Apr 1st 2024
No.	Test Item	Test Method	Test Result
1	Stain resistance	With reference to IAMPO Z124.6-2017sECTION 5.11 and Client's requirement	Stain resistance total rating :54 The maximum stain depth :0.024mm
2	Density	With reference to ASTM D792-20 Method A and Client's requirement	2.42g/cm ³
3	Compressive Strength	With reference to ASTM C170/C170M-17 and Client's requirement	Dry Condition: 195 MPA Wet Condition: 194 MPA
4	Boiling Water Resistance	With reference to A NSI NEME LD 3-2005 Section 3.5 and and Client's require	No change in color or surface finish
5	Resistance to Freeze-Thaw Cycling	With reference to ASTM C026-13(2018) and Client's requirement	Apperance Change: No cracking, distintegration or spalling. Weight Loss: 0.06%
6	Mohs' Hardness	EN 101: 1991	Mohs' Hardness 6
7	Water Absorption	With reference to ASTM C373-18 and Client's requirement	0.04%
8	Rockwell Hardness	ASTM D785-08(2015) Procedure A	115M
9	Flexcual Test	ASTM D790-17 Procedure A	Flexural Strength: 51.4MPa Flexural Modulus: 25300 MPa
10	Coefficient of Linear Thermal Expansion	With reference to ASTM D696-16and Client's requirement	10.730x10 ⁻⁶ /°C