



KalingaStone[®]
TERRAZZO, MARBLE & QUARTZ

Updated Version 18.05.2024

Comparision Chart Between Kalingastone Engineer Quartz v/s Natural Granite

TEST STANDARDS	KALINGASTONE ENGINEERED QUARTZ	NATURAL GRANITE
Specific Density (ASTM C 97)	> 2.10 Kg / dm ³	< 2.10 Kg / dm ³
Water Absorption. (ASTM C 97)	< 0.05 %	< 0.50 %
Flexural Strength (ASTM C 880)	(40 – 60) Mpa	(12 - 20) Mpa
Compressive Strength (ASTM C 170)	(150 – 250) Mpa	(120 - 160) Mpa
Surface Hardness. (EN 101)	(6 – 7) Moh's	(5 – 6) Moh's
Abrasion Resistance (ASTM C 241 / ASTM C 1353)	(30 - 35) Ha	(20 - 25) Ha
Modulus of Rupture (ASTM C 99)	(40 - 60) Mpa	(12 - 20) Mpa
Glossiness Reflection	(55 – 70) %	(50 - 60) %

