

## Comparision Chart Between Kalingastone Engineered Quartz v/s Natural Granite

<b>TEST STANDARDS</b>	<b>KALINGASTONE ENGINEERED QUARTZ</b>	<b>NATURAL GRANITE</b>
<b>Specific Density (ASTM C 97)</b>	<b>(2.20 – 2.45) Kg / dm<sup>3</sup></b>	<b>(2.00 – 2.30) Kg / dm<sup>3</sup></b>
<b>Water Absorption. (ASTM C 97)</b>	<b>&lt; 0.04 %</b>	<b>(0.2 - 0.4) %</b>
<b>Flexural Strength (ASTM C 880)</b>	<b>(50 – 60) Mpa</b>	<b>(12 - 20) Mpa</b>
<b>Compressive Strength (ASTM C 170)</b>	<b>(170 – 220) Mpa</b>	<b>(120 - 160) Mpa</b>
<b>Surface Hardness. (EN 101)</b>	<b>(6 – 7) Moh's</b>	<b>(5 – 6) Moh's</b>
<b>Abrasion Resistance (ASTM C 241 / ASTM C 1353)</b>	<b>(30 - 35) Ha</b>	<b>(20 - 25) Ha</b>
<b>Modulus of Rupture (ASTM C 99)</b>	<b>(50 - 60) Mpa</b>	<b>(12 - 20) Mpa</b>
<b>Glossiness Reflection</b>	<b>&gt; (60 – 70) %</b>	<b>(50 - 60) %</b>