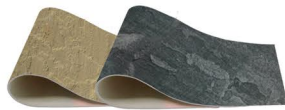


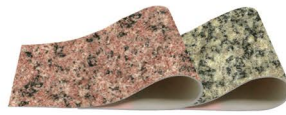
Technical Specification-Flexstone Sheet.



THERMOSTONE^{FZE}
 'The Green Building technological company'



SANDSTONE DESIGN



GRANITE STONE DESIGN

PRODUCT DESCRIPTION:

Sandstone & Granite-like Stone are made in Flexible sheet forms by a process of fusion between Natural stone aggregates and organic materials. During the process of fusion, fibrous tissues are sandwiched between the stone aggregates & organic materials. The controlled temperature and pressure gives the stone sheet the flexibility and textuaries designs

NO	TESTED ITEMS	TEST EQUIVALENCY	TEST METHOD / CRITERION AND RESULT
1	Natural Stone Aggregates	TS/001/QS	Natural sand stone like or granite like stone is made from 98% purified Natural quartz/Natural feldspar/ Silica aggregates, which when washed with Water or 30% Hydrochloric acid or General Purpose Thinner, there should be no bleeding of color from the Sand stone or Granite like stone sheets.
2	Base	TS/005/QS	Pure Acrylic Resins
3	Adhesive Strength	JIS A 6910 5.8.2	The flexstone sheet when fixed on plastered walls and left to cure for 14 days. (The test result shall not be less than 12.0 kgf / cm ²)
4	Adhesive Strength after Immersion in water	JIS A 6910 5.8.3	Immersion in water for 10 days , followed by curing for 48 hrs @ 40 °C Test- The test result shall not be less than 8.0kgf/cm ²
5	Impact Resistance	JIS A 6910 5.11	Drop a spherical weight of 700 g from height of 30 cm into the surface of specimen. There shall be no cracking or peeling of the specimen.
6	Resistance to Repeated Warming and Cooling	JIS A 6910 5.9	Immersion in water at 20°C for 18 hrs ,followed by freezing at -20°C for 3 hrs, followed by exposure to sunlight at 40°C for 8 Hrs X 4 days repetition. Observation - There shall be no Peeling, Cracking, Blistering Dis-coloration and Degradation of the luster on the specimen.
7	Water Permeability	JIS A 6910 5.10	Calculate the value based on the increment of water head Inside a Measuring pipette. There shall not be more than 0.5 ml.
9	Resistance to surface	JIS A 6910 5.7	Leave wet sample at wind speed at 3m/sec. 20°C, There shall be no crack on the Specimen.
10	Weather Resistance	JIS A 6910 5.12	Using the grey scale compare and inspect the specimen which Only indicated for 250 hrs by the sunshine Arc lamp (type W.S). There shall be no cracking & peeling. The discoloration shall not be less than grey scale No.3

THERMO STONE^{FZE} (Manufacturers of Flexstone Sheets)

PO Box:41838,

Sharjah Hamriyah Free Zone,

Tel : ++971 65260646,

E mail : info@thermostones.com

Note :

The above technical information / values are given to the best of our knowledge based in our in-house laboratory tests carried out as per the International standard and our practical experience. However due to different applications, site conditions, surface strength and constraints which are beyond our control, we are not liable for any circumstances, due to or relating to the application or usage of our product. We serve the right to alter or modify any data given without any prior notice, therefore it is best to contact us should you have any doubts or enquiries.