

SPECIFICATION

- Extruded lightweight concrete board containing cement (25%-30% by weight), lightweight aggregate (40%-50% by weight), crystalline silica (8%-10% by weight) and potable water (10%-20% by weight). Tapered-edge. Wrapped with fiberglass cloth (1%-2% by weight).
- All contents are non-organic and anti-termite.
- Average density is 1150 kg/m³.
- Average impact strength is 16 mm/mm in accordance with BS 5669: Part 1: 1989.
- Average flexural strength is 11.68 N/mm² for right angles and 7.75 N/mm² for longitudinal axis in accordance with BS EN310: 1993.
- Average resistance to axial withdrawal of screws is 497 N in accordance with BS EN320: 1993.
- Average swelling in thickness after immersion in water is 0.31% in accordance with BS EN317: 1993.
- Average bonding strength to ceramic tile is 0.13 N/mm² in accordance with SAC accredited procedure.
- The board is fungal resistance in accordance with ASTM-G21.
- The board is bacterial resistance in accordance with ASTM-G22.
- The board is non-combustible in accordance with BS 476 Part 4: 1970.
- For fire propagation, index of overall performance, I = 0.0, and sub-index, i = 0.0 in all tests, in accordance with BS 476 Part 6: 1989.
- Surface spread of flame is Class 1 in accordance with BS 476 Part 7: 1997.
- The board must be weatherproof, that all the mentioned performances are stable in use.

For detailed information, please contact:

CONCRITBOARD

Builders' Solution

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