

SAINT-GOBAIN TWIGA INSUL - TI-1500

Parameter	Technical Specification (Thermal insulation)
Make	Saint-Gobain-Twiga Insul
Material	Resin Bonded Glass wool
Standard/Codes to follow	IS 8183: 93 /IS 3144: 92,
Product Code	TI-1500
Physical form	Rolls: For 50 mm thickness: Std size: 1.2 m x 15 m For 25 mm thickness: Std. size: 1.2 m x 20 m *customized lengths are also available
Nominal bulk density	24 Kg/m ³ (in compliance with IS 8183: Group I, clause 4.2 and +/- 15% tolerance as per clause no. 4.2.1)
Thickness	25, 50, 75, 100 mm (IS 8183, clause 4.9.1)
Thermal conductivity	0.033 W/m.K at 25°C (IS 8183 clause 4.7, tolerance, +/-5%)
Facing	FSK, WMP 10, WMP 50, WMP VR R Plus, R 3035 HD, Aluglass cloth, BGT, FGT, BGC, WGC, Met-polyester

General Glass wool Properties:

Parameter	Conformance
Non combustibility	Incombustible/Non-combustible as per IS 8183/BS 476 part 4
Surface Spread of flame	NIL. Class 1 as per BS 476 part 7
Fire propagation	Class 'O', [index I<12, sub-index i1<6] - BS 476 part 6 and 7.
Moisture content	<2% conforms to IS 3144/IS 8183/ BS 2972
Shot content	Nil.(<2%). conforms to IS 3144/IS8183
Sulphar /Chloride	Nil. Conforms to IS 3144/IS 8183
Mold growth	Inorganic glass fiber does not support mold growth (IS 3144/IS 8183)

Environmental parameter

Approval	Green Pro, GRIHA
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