

TECHNICAL DATA SHEET (TDS)

Brand : DHANROCK® - BGT Facing

Resin Bonded Rock Wool Slab (RB Slab)

Facing : Black Glass Tissue (BGT) – Black Veil



SN	DESCRIPTION	PROPERTIES WE MEET	INHOUSE TESTING FACILITY	TEST DONE AS PER CODE
1	MATERIAL COMPOSITION	Mineral Fibres bonded with Thermoset Resin. Facing : Black Glass Tissue (BGT) – (Black veil)		IS 8183 / IS 3144 ASTM C-612
2	DENSITY RANGE	48, 64 & 96 kg /m ³ Tolerance +/- 15%	YES	IS 8183 / IS 3144
3	THICKNESS RANGE	4, 50, 75,100 mm Tolerance : -2 mm + 5 mm	YES	IS 8183 / IS 3144
4	SLAB DIMENSION	1000 mm x 500 mm Tolerance ± 1/2 %	YES	IS 8183 / IS 3144
5	SERVICE TEMPERATURE	Max 750° C	YES	IS 8183 / IS 3144
6	THERMAL CONDUCTIVITY (K value @ 25°C Mean Temp) unit : w/m ^o k	48 kg/m ³ = <0.035 64 kg/m ³ = < 0.034 144 kg/m ³ = < 0.032	NO	IS 8183 / IS 3346
7	NOICE REDUCTION COEFFICIENT (NRC)	25 mm = 0.65 50 mm = 0.85 100 mm = 1.0	NO	ASTM C 423
8	LINEAR SHRINKAGE AT MAX USE OF TEMP.	Less than 1.5 %	NO	IS 8183 / IS 3144
9	NON-FIBROUS CONTENT	Less than 15.0%	YES	IS 8183 / IS 3144
10	MOISTURE ABSORPTION	Less than 1.5% by volume	YES	IS 8183 / IS 3144
11	MOISTURE CONTENT	Less than 1.0 %	YES	IS 8183 / IS 3144
12	ALKALINITY (pH value)	7 – 9	YES	IS 8183 / IS 3144
13	COMBUSTIBILITY	NON-Combustible (Loss <5.0%)	YES	IS 8183 / IS 3144
14	CORROSIVENESS	NON-corrosive	YES	IS 8183 / IS 3144
15	CHLORIDE CONTENT	Max 0.0012 %	YES	IS 8183 / IS 3144
16	SULPHUR CONTENT	Max 0.2%	YES	IS 8183 / IS 3144
17	ODOR EMISSION	Not detected	YES	IS 8183 / IS 3144
18	FUNGI / MOLD /VERMINS	Do NOT encourage growth.	YES	IS 8183 / IS 3144
19	PACKING	Compressed -HDPE Bag		