

# ITA 1000 (Drywall Board)

# ITA BOARD



### Description

- 1) ITA board is certified with performance test BS 5234 (equivalent to SS 492). It is non combustible and does not contain formaldehyde.
- 2) ITA board has a grey surface with one side smooth finishing and sanded at the reverse.
- 3) ITA Board has high Moisture resistance. The performance of ITA board will not deteriorate when in humid conditions.
- 4) ITA Board is durable against impact of all kinds and can be fixed/repaid easily. However, the performance after repaid depend on the personnel workmanship.
- 5) ITA Board when use onto ITA system, can achieve STC 55 with just single board on each side. Please contact BA3 for further detail.
- 6) ITA board is friendly to environment. It does not carry toxic materials and does not generate toxic fumes. The board was certified with ASTM D5116-10 and BS 6853 standards.

### Technical Specifications

Product Description	ITA Cement Board
Material Class ( BS 5243: Part2: 1992; SS492: 2001)	Grade performance achieved: Severe Duty (SD)
Non- combustibility Test (BS 476-part 4: 1970)	Non combustible Material
Building Regulation Classification	Class 0
Nominal Density(Value provided for reference only. If there is a concern on the properties, please consult BA3)	1590 Kg/m <sup>3</sup>
Alkalinity (PH)	~12
Thermal conductivity at 40°C (ASTM C518)	-0.17W/m <sup>2</sup> K
Expansion Coefficient	-6.4 X 10 <sup>-5</sup>
Nominal Moisture Content at EMC(Value provided for reference only. If there is a concern on the properties, please consult BA3)	6%
Thickness Tolerance	±0.5mm
Length X Width Tolerance of Standard Boards	+0, -5mm
Surface Condition	Front surface: Matt

Thickness (mm)	Dimensions (mm x mm)	No. of Boards per pallet	Gross Wt per pallet (Kg)	Weight per m <sup>2</sup> (~kg/m <sup>2</sup> )	Weight per Sheet (Kg)
9	2000 x 1220	50	1770	14.3	35
	2440 x 1220	40	1745	14.3	43
12	2000 x 1220	35	1670	19.3	47
	2440 x 1220	30	1735	19.3	57
15	2000 x 1220	30	1765	23.8	58
	2440 x 1220	25	1800	23.8	71

### Applications:

- Noise reduction panel
- High vibration /movement reduction
- Replace concrete wall
- Protection of Structural steel
- Use with steel/timber stud partitions, solid/frameless partitions
- Self-supporting ceilings, suspended ceilings
- Timber floor protection, upgrading of timber floors
- Cladding to steel ducts, self-supporting ducts
- Smoke barrier, parapet/spandrel wall
- Fire doors for panels, manhole and hatches
- Tunnel lining, concrete/brick floor and wall upgrading



### \*\*\*Please note:

Before using ITA products, it is advisable to read through the data sheet provided by BA3. The board do not require any provision approval for transportation and disposal to landfill. They can be disposed together with other general building waste.