

Certified MS  
EN ISO 9001:2015  
No. Cert. 00/12/2497



Certified MS  
ISO 14001:2015  
No. Cert. 00/02/1574



Certified MS  
ISO 45001:2018  
No. Cert. 00/05/1002



THOMAS BELL-WRIGHT

## DESCRIPTION

Cboard<sup>®</sup> RG is composed of Portland cement, high purity silica sand, reinforcing pulp recycled in our facilities and additives for water, and fire resistance properties.

Cboard<sup>®</sup> RG is a state-of-the-art asbestos free, highly durable and practical board used in many finishing applications; partition walls, dry linings, suspended ceilings, flooring. Cboard<sup>®</sup> RG is impact resistant, durable and requires low maintenance.

All materials are certified based on ASTM and EN standards and tested in approved laboratories.

## APPLICATION

- Wall cladding
- Roof underlay
- Soffit and eaves lining
- False ceiling
- Partition walls
- Dry lining

## FEATURES

- Non-combustible
- Provides thermal and acoustic insulation
- Simple installation
- Low maintenance



Advanced impact  
resistance



Termite  
resistance





Fire  
resistance



Durable

## PROPERTIES

SURFACE FINISHING	EDGE TYPES	STANDARDS	DIMENSIONS
Painted (water or oil base paint)	Squared edge	ASTM C1186	Width 1200mm, 1220mm
Cladding (wallpaper, vinyl, wood...)		ASTM E84	Length 2400mm, 3000mm
Joint filling with Ccoat <sup>™</sup> All Purpose	Tapered edge	ASTM C518	Thickness 4.5mm, 6mm, 8mm, 9mm, 10mm, 12mm, 15mm, 16mm, 18mm 20mm
Joint Compound			

\*Varying dimensions are available upon request



## PHYSICAL SPECIFICATIONS

SPECIFICATIONS	UNIT	VALUE	STANDARDS
Thickness	mm	12	ASTM C 1186
Weight	Kg/m <sup>2</sup>	16.82	ASTM C 1186
Density	Kg/m <sup>3</sup>	1389.3	ASTM C 1186
Average flexural strength	MPa	12.42	ASTM C 1186
Water absorption	%	29.16	ASTM C 1186
Moisture content	%	11	ASTM C 1186
Linear change	%	0.08	ASTM C 1186
Direct screw withdrawal	N	851	ASTM C 1186
pH	-	8.4	ASTM C 1186
Thermal conductivity	W/m.K	0.1781	ASTM C 518
Reaction to fire	-	Class A	ASTM E 84
Flame spread index (FSI)	-	0	ASTM E 84
Smoke development index (SDI)	-	5	ASTM E 84
Water tightness	No water drops seeping through the sheets.		
Freeze thaw resistance	-	Pass	ASTM C 1186
Heat rain resistance	No damage or structural alteration found on the board.		ASTM C 1186
Soak dry resistance	-	Pass	ASTM C 1186
Warm water resistance	-	Pass	ASTM C 1186



## RECOMMENDATIONS

- Cut the board using an electrical saw.
- Use zinc self-tapping screws with a metal frame of less than 0.7mm to fix the boards.
- Use zinc self-drilling for a metal frame greater than 0.7mm to fix the boards.
- Vertical screw spacing for the first layer of Cboard® is 25cm, 50cm for the second, and 75cm for the third.



## STORAGE AND HANDLING

- Avoid contact with moisture or temperatures higher than 50°C for prolonged periods of time.
- Store in a dry/ventilated area above ground level (not in direct contact with the ground).
- Cover boards with plastic sheets.
- Avoid direct rain or sunlight.
- Avoid cracking or damaging the boards during installation.

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All specifications reflect averages derived from product sample testing and are provided as guidance only. They are subject to inherent variances and may be changed without notice to improve reliability, function, or design or otherwise.

Manufactured according to ASTM & EN standards by ASK Gypsum Factory Ltd.