

ISO 9001:2015
No.: 92200062



ISO 14001:2015
No.: 142200063



ISO 45001:2018
No.: 452200064



DESCRIPTION

Cboard HD is a strong and durable high density fiber cement board with superior physical properties. It has the same composition of CBoard[®] RG (regular) but with increased physical properties. The high density is reached by hydraulic pressing.

Cboard[®] HD can be used for interior as well as exterior applications and it has advanced water resistance properties. Beyond the smooth surface achieved, Cboard HD is available in different finishing textures including engraved wood patterns, plaster effects, natural stone surfaces, and grooved finishes.

APPLICATION

- Wall cladding
- Roof underlay
- Soffit and eaves lining
- False ceiling
- Partition walls
- Dry lining
- Ventilated or non-ventilated facades
- Exterior substrates and envelops

FEATURES

- High core density
- Paintable
- Impact resistant
- Moisture resistant
- Fire resistant
- Textured



Advanced impact resistance



Moisture resistant





Fire resistance



Textured

PROPERTIES

SURFACE FINISHING	EDGE TYPES	STANDARDS	DIMENSIONS
Bare/smooth	Squared edge 	ASTM C1186	Width 1200mm, 1220mm
Painted (water or oil base paint)			Length 2400mm, 2440mm
Textured	Tapered edge 	ASTM E84	Thickness 9mm, 10mm, 12mm, 15mm, 16mm, 18mm 20mm
Patterned		ASTM C518	
Joint filling with Ccoat™ All Purpose Joint Compound			

PHYSICAL SPECIFICATIONS

SPECIFICATIONS	UNIT	VALUE	STANDARDS
Thickness	mm	12	ASTM C 1186
Weight	Kg/m ²	20.7	ASTM C 1186
Density	Kg/m ³	1730	ASTM C 1186
Flexural strength longitudinal direction	MPa	22.04	ASTM C 1186
Flexural strength transversal direction	MPa	12.19	ASTM C 1186
Water absorption	%	23.16	ASTM C 1186
Moisture content	%	5.13	ASTM C 1186
Linear change	%	0.04	ASTM C 1186
Direct screw withdrawal	N	492	ASTM C 1186
pH	-	10.47	ASTM C 1186
Thermal conductivity	W/m.K	0.3274	ASTM C 518
Reaction to fire	-	Class A	ASTM E 84

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.

The information herein and recommendations set forth are presented in good faith and believed to be correct as of the date hereof, ASK Gypsum Factory Ltd., and its affiliated, and sister companies do not make representations or warranties as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving the same will make their own determination as to its suitability for their purpose prior to use. In no event will ASK Gypsum Factory Ltd. and its affiliated and sister companies be responsible for indirect, consequential, or incidental damages arising out of the use of, or inability to use this product. Our liability, if any, shall be capped to the price of the product purchased.

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.