

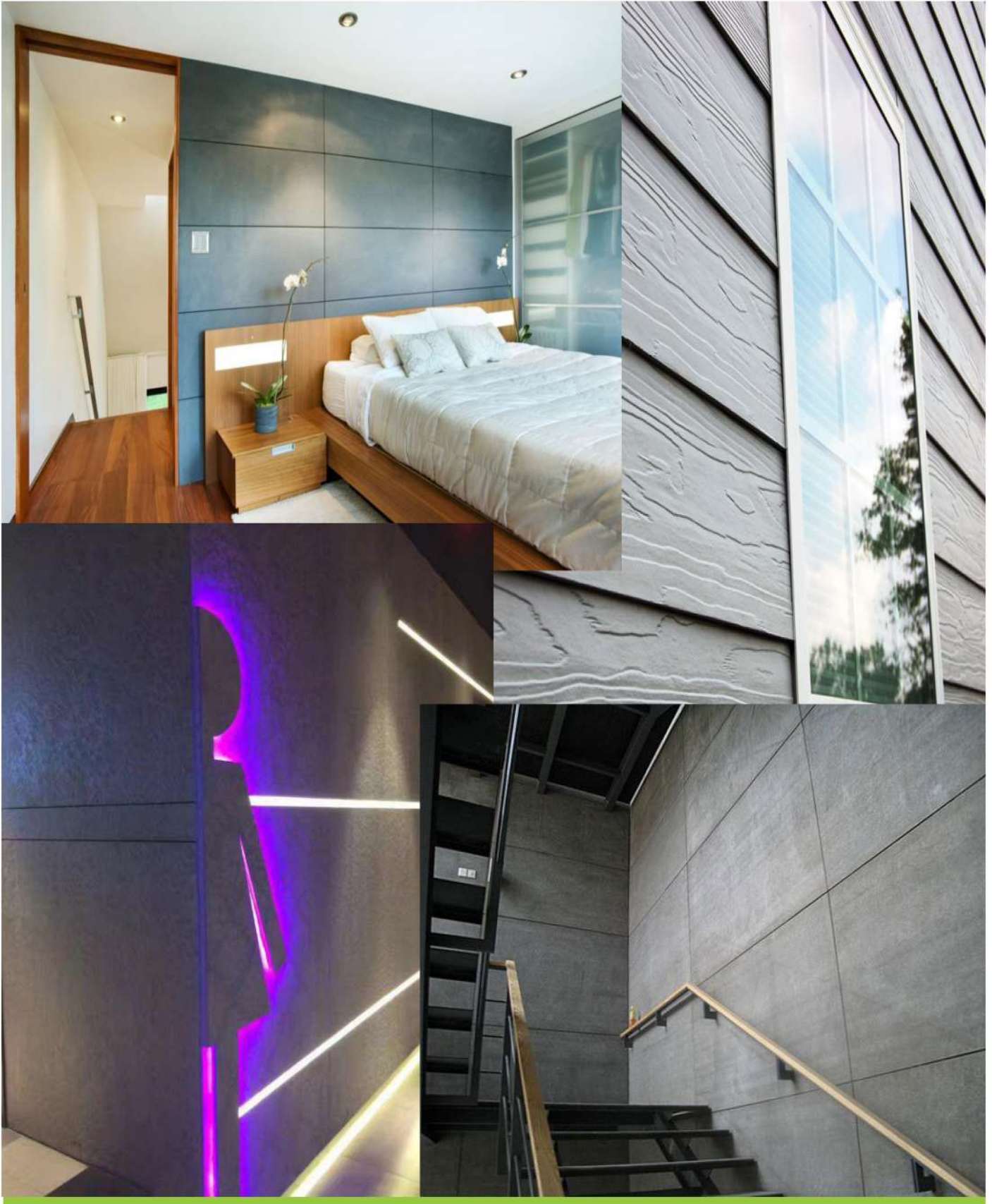


# DuritBOARD

**Multipurpose Fiber Cement Board**  
**Functional and Decorative purposes**



**GERMAN**  
Technology



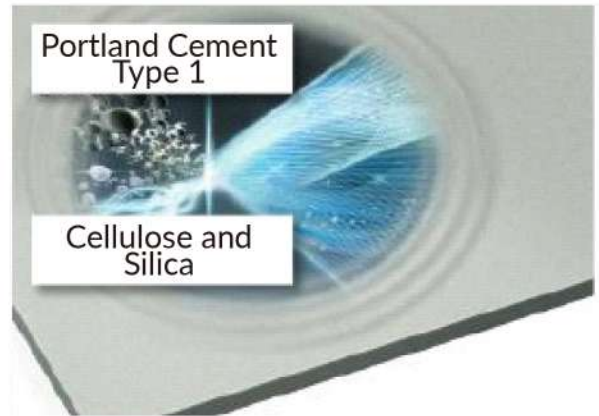


DuritBOARD



## Multi purposes of Fiber Cement Board

DuritBOARD is a non-asbestos product. With “Firm & Flex” technology, its key functions also provide the flexible uses of curve applications. The board is produced by the use of autoclave that helps sterilize its main compositions; portland cement type 1; silica (also known as refined sand); and and special cellulose fiber; and subjects the board to high pressure saturated steam at more than 121 ° C.



## DuritBOARD and its Uniqueness

<b>Firm</b>	High Impact Strength	DuritBOARD has its durable against either different weather conditions or high impact works
	Water-Resistant and Non-decay	DuritBOARD has its ability to withstand humid conditions and in cases or water leakages. The board won't easily be swollen nor damaged. It can be used for both internal and external applications.
	Termite and Pest Resistant	Because of its cement content, termites and other types of insects can be prevented.
<b>Flex</b>	Curve Applications	With its various compositions and “Firm & Flex” technology, DuritBOARD, unlike other types of fiber cement boards, can be bended easily to fit any curved application. See Table 1 for further details.
	Friendly Customization Works	DuritBOARD is six-times lighter than that of any brick material, enabling easy application for building room partitions. See Table 2 for further details.
	Heat Resistant	DuritBOARD has a coefficient heat conductivity of less than any other wood replacement material.

Standard: EN 12467:2013+A2:2018



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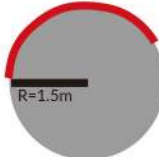
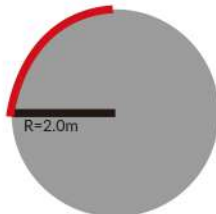
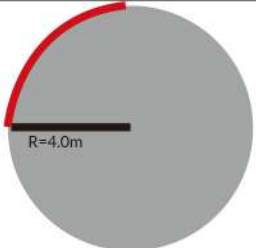


## With Firm & Flex Technology

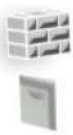
DuritBOARD provides the excellent properties of impact strength, curve applications and water and moisture resistance compared with other types of flat sheets. These qualifications certainly make DuritBOARD the perfect choice for applications such as wall cladding, wall partitioning and decorative walling in residential, commercial and industrial buildings, especially where speedy construction is required and cleanliness and hygiene is of high importance.



**Table 1: DuritBOARD and its curved Applications**

Sample of DuritBOARD's Curve application				
Maximum radius (R value)	R = 1.0m	R = 1.5m	R = 2.0m	R = 4.0m
Product Thickness (mm)	4 mm	6 mm	8 mm	10 mm

**Table 2: Difference between the weight of wall made of DuritBOARD and brick**

	Material	Weight (kg/sq.m)
	Bricks	180
	DuritBOARD	38



# DuritBOARD



## DuritBOARD Standard Colours

For the past few years, Hofmann DuritBOARD has been available in a number of standard colours for our customers. These colours are updated every season, and are currently 4 colours available. DuritBOARD is a FUNCTIONAL and DECORATIVE fiber cement board that can be used in both interior & exterior applications such as exterior ventilated rain-screen systems, exterior & interior cladding, ceilings, trim, countertops and many specialty applications. Standard stock is usually available but please call us to check. Custom sizes and works are available based on quantity. Please contact us to receive samples and more information. Lead time 7-10 days, dependent on project.



GSW-001



GMF-002



GSW-003



GSW-005



Thickness (mm)	Standard Dimension (mm x mm)	Weight (kg)
8	1220 x 1220	19
8	2440 x 1220	38
12	1220 x 1220	28.5
12	2440 x 1220	57



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# DuritBOARD



## DuritBOARD Speciality Texture

New for 2019, Hofmann DuritBOARD has launched its **Speciality Texture** series. This series consists of fiber cement boards in patterns modelling different natural element textures, without the weight and problems arising from the actual elements, such as Wood, Stone and Brick. These patterns are all available in the standard sizes listed below, as well customizable sizes, based on quantity. Please call us to enquire further. Lead Time 10-14 working days.



GMF-006



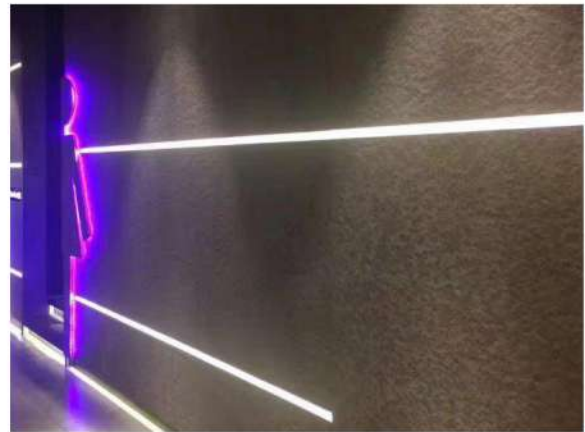
GMF-007



GMF-008



GMF-009



Thickness (mm)	Standard Dimension (mm x mm)	Weight (kg)
8	1200 x 1200	19
8	2400 x 1200	38



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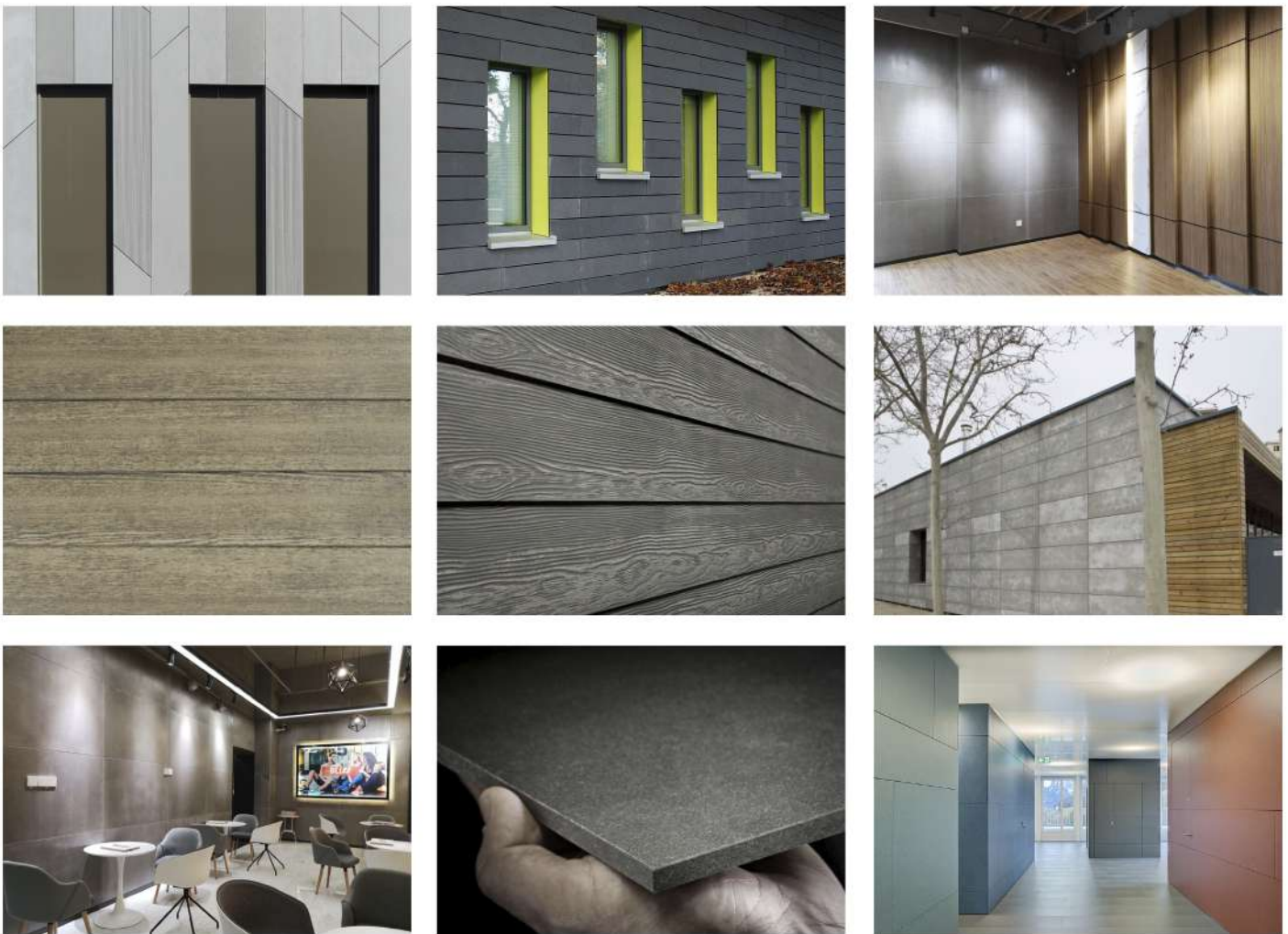


# DuritBOARD



## DuritBOARD Speciality Colours

DuritBOARD is also available in special colours. With the increasing changes in design trends, these palettes are reviewed annually, to ensure the most sought after colours are available. Palettes are available upon request. Custom sizes and works are available based on quantity. Please contact us to receive samples and more information. Lead time 10-14 days, dependent on project.



Thickness (mm)	Standard Dimension (mm x mm)	Weight (kg)
8	1200 x 1200	19
8	2400 x 1200	38



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DuritBOARD



## DuritBOARD and its Certifications

Flexible	Fits any configuration	Heat & Fire Resistant	High Impact	Moisture Resistant	Termite and Pest Resistant	Cool & Comfortable Living

Topic/Criteria	Result	Standard
Water expansion rate (24 hrs.soak)	0.12%	JIS A 5420
Density	1,260 Kg./M3	ASTM C 1185
Resistant to leakage(24 hrs.water contain)	Pass	TIS 1427-2540
Water absorption rate	34%	ASTM C1185
Tension force perpendicular to the surface	1.0 MPa	JIS A 5905
Modulus of Rapture(Wet Test)	10 N/Sq.mm.*	ASTM C 1185
Heat Conductivity rate (K)	0.084 W/Moc	ASTM C 117
Sound Resistant (STC)	38 dB	BS 2750
Drying Shrinkage Rate (60 °C, 24 hours)	0.04%	
Modulus of Elasticity	4,500 N/Sq.mm.	ASTM C1185
Ignitability test	Pass	BS 476 Part 5
Fire propagation test	Pass	BS 476 Part 6
Surface spread of flame test	Pass	BS 476 Part 7
Insulation/Integrity	Depend on system	BS 476 Part 20-22
Bending Radius (4, 6, 8, 10mm)		1, 1.5, 2.0, , 4.0M

### General Remarks to Fiber Cement Board Use:

- Some caution must be exercised to properly ventilate areas where fiber cement board is being cut; long-term exposure to the silica dust generated during the installation process can cause silicosis.
- Fiber cement cladding can be painted before or after installation. For areas of exposure, weatherproof paint must be used. Once the product is fixed the joints are usually covered with timber battens and the entire wall surface is painted.





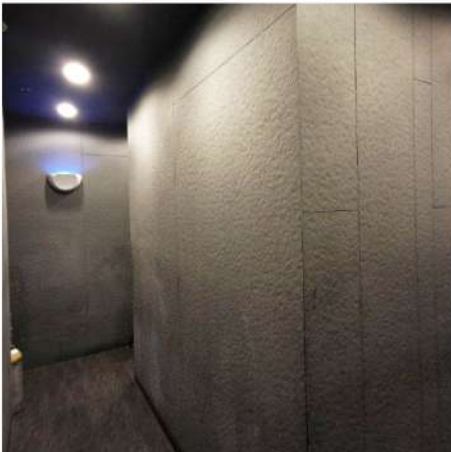
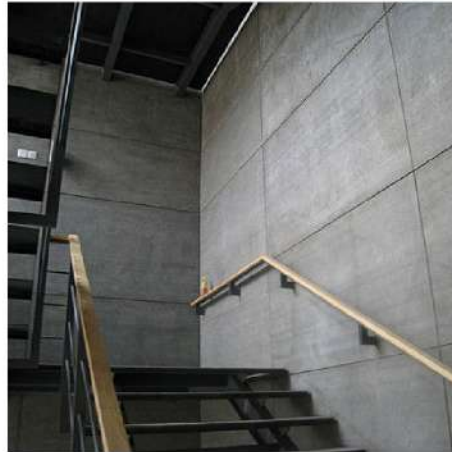
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## Your Choice for Fiber Cement Board

Interior Design | Outdoor Wall | Flexible | Fireproof | Waterproof | Termite Resistant

(Photo examples of actual installations)



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