META
BAUHOLZ

Fibercement

Excellence Without Limits For Life

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META
ENDÜSTRİ
Yaşam İçin **Hep Daha Mükemmeli**

META
BAUHOLZ

Excellence without limits for Naturalness

BAUHOLZ new generation fibercement board is an innovative fiber-reinforced autoclaved cement board with a wood-patterned surface. It is produced using Hatschek technology in META ENDÜSTRİ advanced production facility.

- Fiber-reinforced, durable, and high performance building material.
- Offers versatile applications on both interior surfaces and exterior facades.
- Fire-resistant A1 Class building material.
- Provides aesthetic and contemporary options. Allows the building facades to achieve the desired design.
- Environmentally friendly.

Technical Features

Standard Dimensions	1250 x 2500 mm
Thickness	8, 10, 12 mm
Length/Width Tolerance	± 5 mm
Thickness Tolerance (e: plate thickness)	± %10 e
Deviation from the Right Angle	± 2 mm/m
Smoothness of the Edge:	± % 0,1 a (a: edge length)
Surface Appearance	Wood
Density	~ 1300±50 kg/m^3
Flexural Strength	~ 14,5 N/mm^2 (longitudinal); ~ 9,5 N/mm^2 (transversal)
Compressive Strength	≥30 N/mm^2

Tensile Strength	≥2 N/mm^2
Freezing Strength	Frost-resistant as per TS EN 12467
Waterproof	Water roof as er TS EN 12467
Fire Resistance	Fire roof, classA1 as er EN 13501-1
Asbestos Content	Asbestos-free (NT type board)
Other Harmful Substance Emissions	No emissions of harmful substances or gases
Coefficient of Heat Expansion	αt = 0,0045 mm/mK
Thermal Conduction Coefficient	λ = 0,18 W/mK
Water Absorption Rate	< % 25
Board Humidity Rate in Stock	%8 (depending on atmospheric humidity)
Water Impact	0,45 mm/m (at full saturation)

TSE EN 12467 + A2 · ISO EN ISO 9001 · CE

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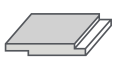
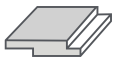
META BAUHOLZ

Tongue-and-Groove and U-Grooved Boards

Tongue-and-Groove and U-Grooved Fibre Cement Boards by BAUNORM

The tongue-and-grooved and U-grooved boards in our product portfolio provide ease of installation in facade applications, saving both time and labor. In addition to this practical advantage, they also add an aesthetically pleasing architectural appearance to your buildings.

Model	Product	Product Feature	Thickness (mm)	Dimensions (mm)	Edge Profile (mm)	Pieces/Pallet	Weight/Pallet (kg)
	BAUHOLZ	Tongue-and-Groove	10	608x2500	10/20 Tongue-and-Groove	100	2.850
			12			90	3.100
	BAUHOLZ	Tongue-and-Groove with Single U-Groove	10	608x2500	10/20 Tongue-and-Groove	100	2.850
			12			90	3.100
	BAUHOLZ	Tongue-and-Groove with Double U-Grooves	10	608x2500	10/20 Tongue-and-Groove	100	2.850
			12			90	3.100
	BAUHOLZ	Tongue-and-Groove with Triple U-Grooves	10	608x2500	10/20 Tongue-and-Groove	100	2.850
			12			90	3.100
	BAUHOLZ	Tongue-and-Groove with Four U-Grooves	10	608x2500	10/20 Tongue-and-Groove	100	2.850
			12			90	3.100
	BAUHOLZ	Tongue-and-Groove	10	408x2500	10/20 Tongue-and-Groove	150	2.900
			12			135	3.100
	BAUHOLZ	Tongue-and-Groove with Single U-Groove	10	408x2500	10/20 Tongue-and-Groove	150	2.900
			12			135	3.100
	BAUHOLZ	Tongue-and-Groove	10	308x2500	10/20 Tongue-and-Groove	200	2.900
			12			180	3.100
	BAUHOLZ	Tongue-and-Groove	10	200x2500	10/20 Tongue-and-Groove	300	2.800
			12			270	3.040
	BAUHOLZ	Tongue-and-Groove	10	170x2500	10/20 Tongue-and-Groove	350	2.800
			12			315	3.030

EN 12467 + A2 EN ISO 9001

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META BAUHOLZ

Shipping Planning Information

Thickness & Dimensions			Quantity				Weight					
Product	Thickness	Dimensions (mm)	Pallet	Truck	20 DC Container	40 DC Container	kg/m²	kg/piece	kg/pallet	Truck	20 DC Container	40 DC Container
BAUHOLZ	8	1250 x 2500	75	675	530	600	12	38	2.813	26.494	20.803	23550
BAUHOLZ	10	1250 x 2500	60	540	420	480	15	47	2.813	26.494	20.606	23.550
BAUHOLZ	12	1250 x 2500	50	450	340	400	18	56	2.813	26.494	20.018	23.550

HS Code: 68.11.82.00

General Shipping Principles

- Quantity and weight information based on trucks and containers may vary depending on the delivery region, country, and type of transport vehicle. These variations are directly related to the applicable road and sea transportation regulations of the relevant route and country (maximum weight limits, vehicle dimensions, clearance regulations, etc.).

- The loading area or interior of the transport vehicle (truck/container) must be clean, dry, and free from any damage. There must be no residues, mud, or chemical substances left over from previous shipments.

- Loading must be carried out in a balanced manner, in accordance with the vehicle's center of gravity and legal axle load limits (road transport regulations), ensuring that there are no gaps between pallets.

Post-Loading Protection and Driver Responsibilities

- To prevent physical damage such as tipping or sliding during transportation and to protect the materials from external weather conditions (rain, snow, intense sunlight, dust, etc.), the load must be secured after loading using LASHING STRAPS (Spanzet) and covered with a TARP (Tarpaulin).

- The vehicle driver is responsible for checking the condition and tightness of the lashing straps and tarpaulin after loading. During the journey, the driver must periodically recheck the load at rest stops.

Unloading and Storage Process

- A forklift with a minimum lifting capacity of 5 tons must be used for unloading at the distributor's warehouse or construction site.

- Before unloading the pallets from the truck, a visual inspection must be carried out. If any damage such as crushing, tipping, or water exposure is detected, the unloading process must be stopped immediately and the situation must be reported to the relevant department (Logistics / Purchasing) with photos or videos.

- If pallets are to be unloaded from the truck using a forklift, the vehicle must be parked on a flat and stable surface suitable for forklift operation.

- During storage at the construction site or warehouse:
  · If pallets are placed on soil ground, a maximum of 2 pallets may be stacked.

  · If pallets are placed on a concrete surface, a maximum of 4 pallets may be stacked.

Logistics Notifications

In the event of any delay in the shipment's estimated time of arrival (ETA), the transport company or driver must immediately inform both the shipper (factory) and the consignee (construction site / warehouse).

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