

META
BAUSIDING



Excellence Without Limits For Life

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META
ENDÜSTRİ
Yaşam İçin Hep Daha Mükemmel

META BAUSIDING

Excellence without limits for Naturalness

BAUSIDING new generation fibercement board is an innovative fiber-reinforced autoclaved cut-to-size 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	Tensile Strength	≥ 2 N/mm ²
Thickness	8, 10, 12 mm	Freezing Strength	Frost-resistant as per TS EN 12467
Length/Width Tolerance	± 5 mm	Waterproof	Water roof as er TS EN 12467
Thickness Tolerance (e: plate thickness)	$\pm \%10$ e	Fire Resistance	Fire roof, classA1 as er EN 13501-1
Deviation from the Right Angle	± 2 mm/m	Asbestos Content	Asbestos-free (NT type board)
Smoothness of the Edge:	$\pm \% 0,1$ a (a: edge length)	Other Harmful Substance Emissions	No emissions of harmful substances or gases
Surface Appearance	Wood	Coefficient of Heat Expansion	$\alpha t = 0,0045$ mm/mK
Density	$\sim 1300 \pm 50$ kg/m ³	Thermal Conduction Coefficient	$\lambda = 0,18$ W/mK
Flexural Strength	$\sim 14,5$ N/mm ² (longitudinal); $\sim 9,5$ N/mm ² (transversal)	Water Absorption Rate	$< \% 25$
Compressive Strength	≥ 30 N/mm ²	Board Humidity Rate in Stock	$\%8$ (depending on atmospheric humidity)
		Water Impact	0,45 mm/m (at full saturation)



EN 12467 + A2



EN ISO 9001



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Shipping Planning Information

Thickness & Dimensions			Quantity				Weight					
Product	Thickness	Dimensions (mm)	Pallet	Truck	20 DC Container	40 DC Container	kg/m ²	kg/piece	kg/pallet	Truck	20 DC Container	40 DC Container
BAUSIDING	8	170x2500	525	4725	3710	4200	12	5,1	2.678	24.098	18.921	21.420
BAUSIDING	8	170x3000	420	3780	-	3360	12	6,12	2.570	23.134	-	20.563
BAUSIDING	8	200x2500	450	4050	3180	3600	12	6	2.700	24.300	19.080	21.600
BAUSIDING	8	200x3000	360	3240	-	2880	12	7,2	2.592	23.328	-	20.736
BAUSIDING	10	170x2500	420	3780	2940	3360	15	6,38	2.680	24.116	18.757	21.437
BAUSIDING	10	170x3000	350	3150	-	2800	15	7,65	2.678	24.098	-	21.420
BAUSIDING	10	200x2500	360	3240	2520	2880	15	7,5	2.700	24.300	18.900	21.600
BAUSIDING	10	200x3000	300	2700	-	2800	15	9	2.700	24.300	-	25.200
BAUSIDING	12	170x2500	350	3150	2380	2800	18	7,65	2.678	24.098	18.207	21.420
BAUSIDING	12	170x3000	315	2835	-	2835	18	9,18	2.892	26.025	-	26.025
BAUSIDING	12	200x2500	300	2700	2040	2400	18	9	2.700	24.300	18.360	21.600
BAUSIDING	12	200x3000	270	2160	-	2160	18	10,8	2.916	23.328	-	23.328



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Shipping Planning Information

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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