

MAGOXX Exterior walls

MAGOXX Exterior Boards are ideal for the construction of facades. The boards are fire- and impact resistant, light, highly insulating and suitable for any finish



Durable

A sustainable solution for exterior walls

With our vapor-open cladding boards you can create a ventilated facade. In this way you prevent moisture problems in your home. In addition, the facade boards are produced in a sustainable way, as we keep CO2 emissions and the amount of waste as low as possible.



Weatherproof

Wind and water barrier board

The boards are fire-resistant and impact-resistant, light, highly insulating and suitable for any finish. Even moisture and water do not affect the MAGOXX Board exterior wall board. Mold and insects have no chance. This makes the boards suitable for use as underlayment for stone strip bonding and as Stormstopper. If properly installed, the boards will hold up in any weather condition.



Fire resistant

Very fireproof

MAGOXX®Board is tested in fire class A1 and can be combined with any type of insulation material. MAGOXX®Board is CE-certified. This means that our products are tested according to the European directives applicable to safety, health and the environment.

MAGOXX®Board is certified as sustainable board material with an ECI number (Environmental Cost Indicator) of € 0.91 per m². An Environmental Product Declaration (EPD) is available on MAGOXX's website, www.magoxx.com. In addition, MAGOXX is listed in the National Environmental Database (www.milieudatabase.nl) and has a DUBO quality certificate in sustainability class 2.

DUBOKEUR®



Facade boards range

Characteristic	Board (4mm)	Board (6mm)	Board (9mm)	Board (12mm)	Board (15mm)
Dimension	3000*1200mm 2700*1200mm	3000*1200mm 2700*1200mm	3000*1200mm 2700*1200mm	3000*1200mm 2700*1200mm	3000*1200mm 2700*1200mm
Heat conductivity			0,213 W/(m*k)	0,231 W/(m*k)	
Color	Grey	Grey	Grey	Grey	Grey
Acoustic conduction (single board)			26 dB	27 dB	28 dB
Fire Classification	A1	A1	A1	A1	A1
Molodus of Eleticity	7340 N/mm2	6430 N/mm2	3950 N/mm2	5556 N/mm2	3140 N/mm2
Similar Weight	1100 kg/m2				
Moisture RH65%	12,0%	10,6%	12,4%	16,0%	13,4%
Bending strength	21,2 N/mm2	17,4 N/mm2	12,4 N/mm2	20,7 N/mm2	13,4 N/mm2
Tensile strength perpendicular	2,49 N/mm2	1,94 N/mm2	1,44 N/mm2	1,14 N/mm2	1,49 N/mm2
Water barrier	Moist, but no dripping	Moist, but no dripping	No traces of moist	No traces of moist	No traces of moist
Compressive strength	3,31 N/mm2	n.a	10,33 N/mm2	20,20 N/mm2	9,4 N/mm2
LTEC (Linear Thermal Expansion Coefficient)	0,1 mm Per meter per C	0,4 mm Per meter per C	0,4 mm Per meter per C	0,7 mm Per meter per C	0,3 mm Per meter per C
ECI-number (Environmental Cost Indicator)	0,91	0,91	0,91	0,91	0,91
Stiffness/ shear strength	NVT	NVT	OSB 3	OSB 4	OSB 4
H.O.H distance (if constructively applied)	30	30	45	60	60

When properly applied, these boards offer at least 3 months of guaranteed wind and water resistance if left outside without cladding applied to them.

General principles

Requirements for installation of MAGOXX Facade panels (4mm/6mm/9mm/12mm/18mm) in a ventilated or enclosed environment.

Magoxx Exterior Boards

The use of MAGOXX board offers a lot of design freedom, since any type of laminate (wood, veneer, plastic, stone) can be used. In this way, the advanced properties of the board are combined with an attractive finish.

(Non) ventilated facades

Ventilated facades are constructed as a cavity wall with an inner and outer leaf. In this way, a ventilated space is created between the cladding and the insulation. MAGOXX Board can also be used when constructing an unventilated facade.

Transportation and storage

Place pallets on a level surface in a dry, covered, frost-free and well-ventilated area. Preferably cover the products during transport. Handle with care when moving heavy sheets. The sheets should not be loaded horizontally.

Mounting order

Step 1

MAGOXX Board is easy to cut and sawn by hand. Easily cut the boards to preferable size and place them with the smooth side facing out.

Step 2

Before installing the boards, the rear structure must first be attached to the inner surface. This can consist of wooden beams or aluminum or steel profiles. Then the MAGOXX boards can be attached to the sub-frame by means of screws or nails. Keep a distance of 3 mm for the butt joints.

Step 3

After mounting the boards, seal the seams with a flexible MS polymer sealant. Then apply a moisture-resistant primer over the whole surface with a roller. We recommend using a primer for stony-like material. Follow the processing instructions of your primer supplier.

Step 4

The boards are now ready for the finishing. If you choose to use stone strips, first apply adhesive (advised by the manufacturer of the stone strips) over the primer. After this the stone strips can then be installed. If you choose stucco, follow the processing instructions of your stucco supplier.

MAGOXX[®] Board

FIRE-RESISTANT • SUSTAINABLE

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