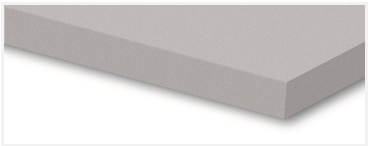
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Datasheet AlHydropanel



ASHydropanel is a multifunctional all-round fiber cement board with excellent properties in terms of impact resistance, fire resistance, sound insulation and moisture resistance. This board is stronger and harder than plasterboard because it is made of Portland cement, mineral fillers (e.g., mica), organic reinforcement fibers and additives. A ASHydropanel board is autoclaved, sanded and sawn square. This board has many advantages. It is not inflammable and does not spread fire (fire reaction class A2-s1, d0 according to NEN EN13501-1). It is not only resistant to many living organisms (fungi, bacteria, insects, vermin, etc.) but also to various temperatures. Furthermore, it is airtight and vapor permeable and has a high impact resistance. It ensures high dimensional stability and low hygroscopic movement thanks to the selected mineral fillers.

Application

Interior wall: Non-load-bearing partition wall, pre-wall, wood frame wall, steel frame wall. Interior floor: finishing support plate on load-bearing floors and floating floors Interior ceiling: suspended ceilings, swimming pool ceilings

Material

Fibre cement board

Availablity

	Value	Unit
Sheet thickness	6, 9, 12	mm
Sheet size	600/900/1200/1250x1200/2500/2600/3000	mm

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AlHydropanel - Specifications

Physical properties

	Test standard	Value	Unit
Density	EN 12467	1,18	g/cm³
Thermal conductivity		on request	
Specific heat capacity	at 23°C	1018	J/g.K

Mechanical properties

	Test standard	Value	Unit
Module of elasticity - Youngs modulus	Airdry	10	N/mm²
Flexural strength	airdry	23	N/mm²

Thermal properties

	Test standard	Value	Unit

Friction properties

	Test standard	Value	Unit

Electrical properties

	Test standard	Value	Unit

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