

A1 COREX, NON-COMBUSTIBLE GYPSUM BOARD

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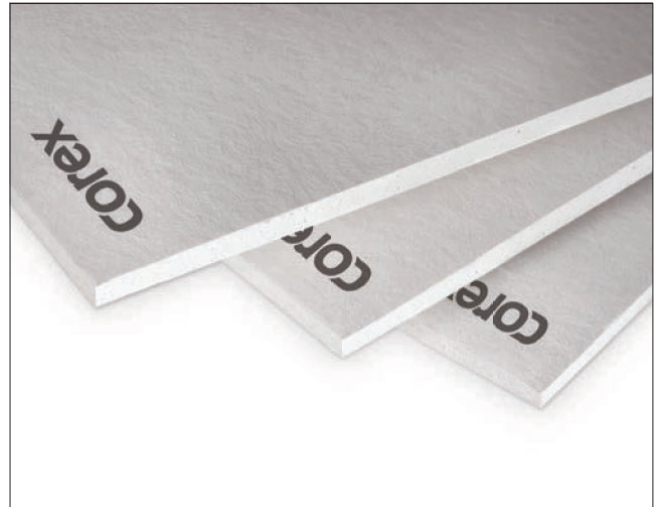
- **A1 COREX** is a non-combustible gypsum board for applications where superior fire performance is required such as Structural Steel Cladding, Partitions, ceiling linings, etc.
- The core of **A1 COREX** is reinforced with special additives to guarantee fire resistance.
- Both sides of **A1 COREX** are covered with a completely non-flammable fiberglass mat.
- The class “A1” specifies the non-flammable classification according to EN 13501-1.
- **A1 COREX** offers ideal solutions for the fire resistance of buildings including schools, hospitals, hotels and commercial and business centres.



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User manual

- **A1 COREX** can be used for:
 - Fire-resistant cladding of steel support structures.
 - Light partition walls, by screwing on both sides of metal frame.
 - Lowered ceilings, by screwing it against a metal frame that is attached to the existing floor construction.
- **A1 COREX** applications have better fire-resistance within minutes compared to conventional construction materials and applications where a different kind of gypsum board is used
- **A1 COREX** can be installed before the building is watertight, this means you can start earlier in the construction phase.



Specifications

- Horizontally and vertically easy to use and resistant to fractures.
- Easy to clean after assembly due to dry application.
- Suitable for all types of surfaces.
- It has dimensional stability which means shrinkage and expansion are negligible. It is a breathable material which creates a healthier environment.
- Improved performance when used in conjunction with other insulation materials.
- By using **A1 COREX**, partition walls can be made thinner, so the usable floor space will increase.

Technical specifications

Thickness:	12,5 mm	15 mm	20 mm	25 mm
Length:	2000 mm	2000 mm	2000 mm	2000 mm
Width:	1200 mm	1200 mm	1200 mm	1200 mm
Weight:	11,5 kg/m ²	13,5 kg/m ²	17,6 kg/m ²	21,9 kg/m ²
Quantity per pallet:	40 pcs	32 pcs	24 pcs	20 pcs
M2 per pallet:	96 m ²	76,8 m ²	57,6 m ²	48 m ²
Flexural strength vertical:	≥ 725 N	≥ 870 N	≥ 1160 N	≥ 1450 N
Bending strength parallel:	≥ 300 N	≥ 360 N	≥ 450 N	≥ 600 N
Edge type/colour:	Squared edge/ white			
Thermal conductivity coefficient (λ)	0,25 W / mK			
Fire class:	A1 according to EN 13501-1			
Moisture behaviour:	H1 according to EN 15283-1 Suitable for temporary open-construction situations			



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