

Reduced Water Absorption Rate

corex



U Value Insulation

Delivering Better Solutions



- **Green COREX**, is a plasterboard that is used in the construction of partition walls, drywall linings and suspended ceilings where water and moisture resistance are required.
- For water and moisture resistance, the core of **Green COREX** is strengthened with water repellent agents.
- Both faces of **Green COREX** are covered with special paper that gives flexibility and high strength to the plasterboard.
- **Green COREX** is plasterboard that can be subjected to water and moisture for extended periods and is suitable for bathrooms, toilets, kitchens, dining areas and loft spaces.
- **Green COREX** can be covered with tile, ceramic tile and similar materials.



Greenguard certification is a certificate that shows the effects of our products on indoor air quality.

USAGE

- **Green COREX** can be used for:
- Non-load-bearing partition walls, by screwing it to both faces of a metal frame.
- Dry-lining, by screwing it to one face of a metal frame or by bonding it to the existing wall.
- Suspended ceilings, by screwing it to the metal frame that has been fastened to the existing floor with a hanger system.

PROPERTIES

- **Green COREX** is light and flexible. It can be transported horizontally and vertically without problem.
- Because of its high flexural strength, its breakage rate during loading and unloading is lower than that of equivalent boards.
- Cutting and installing **Green COREX** is easy, so it increases productivity and installations can be completed more rapidly.
- **Green COREX** is suitable for all kinds of finishes. It can be undercoated and painted. **SATENTEK** and wallpaper can be applied to it.
- **Green COREX** can easily be mounted and dismantled, so it is easy to make changes to layouts.

- All kinds of piping and wiring can be placed between or behind **Green COREX** applications, making installation work easier.

PERFORMANCE

- Because of its low weight, green COREX bends less than equivalent boards in suspended ceiling applications .
- As it is possible to construct narrow cross-sectional partition walls using **green COREX**, the usable area of the building is increased.
- When used with insulation materials, **green COREX** creates an effective increase in acoustic and thermal insulation.
- As it is a breathable material, by stabilizing humidity **green COREX** leads to a healthier environment.

RECOMMENDATIONS

- Do not allow **Green COREX** to remain in direct contact with water for long periods.
- Use **ADERTEK** bonding plaster to bond green COREX to existing walls.
- Use **DERZTEK** jointing compound on **green COREX** joints.



Technical Specifications

	General Type		All Types	
Length*	2400 mm	2000 mm	3600 mm	
Width	1200 mm	1200 mm		
Thickness	12,5 mm	12,5 mm	15 mm	18 mm
Average weight	~8 kg/m ²	~8 kg/m ²	~12 kg/m ²	~15 kg/m ²
Flexural Strength (Perp. to paper fibres)	≥ 550 N	≥ 550 N	≥ 650 N	≥ 770 N
Flexural Strength (Parallel to paper fibres)	≥ 210 N	≥ 210 N	≥ 250 N	≥ 300 N
Edge type	IK	IK(Tapered Edge) - KK (Square Edge)		
Thermal Conductivity (λ)	0,25 W/mK		0,25 W/mK	
Water vapour permeability	10			
Fire class	A2 - s1, d0	A2 - s1, d0 (TS EN 520 +A1'e göre)		
Water absorption (by weight)** ≤ % 10	≤ % 10		≤ % 10	

Standard

Standard	TS EN 520 +A1 A1 (Plasterboards – Descriptions – Requirements and Experiment Methods)
Type	Plasterboard with Reduced Water Absorption Rate (H1-H2)

Packaging

	General Type		All Types	
Thickness	12,5 mm	12,5 mm	15 mm	18 mm
Number of boards in one pallet	72 pcs/pallet	72 pcs/pallet		

*Lengths other than 2400 mm are made according to order.

**Water absorption based on weight of plasterboards with reduced water absorption rate according to TS EN 520 +A1 is maximum 5% for H1 class and maximum 10% for H2 class after 2 hours.

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