



- **White COREX** is a plasterboard that is used in the construction of partition walls, dry-linings and suspended ceilings.
- The core of **white COREX** is made from specially calcined high-purity natural gypsum that gives lightness, hardness, high strength and workability to plasterboard.
- Both faces of **white COREX** are covered with special paper that gives flexibility and high strength to the plasterboard.
- Installation of **white COREX** is quick and easy, so it saves labour and time, and greatly reduces construction costs.
- Walls and suspended ceilings made of **white COREX** are light and flexible,



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

USAGE

White 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

- It is light and flexible, and can be carried horizontally and vertically without problem.
- Because of its high flexural strength, its breakage rate during loading and unloading is low compared to equivalent boards.
- Cutting and installing **COREX** is easy. As this increases productivity, installations are completed more quickly.
- It is suitable for all kinds of finishes. It can be undercoated and painted. **SATENTEK** and wallpaper can be applied to it.
- Buildings that are designed with **COREX** plasterboard systems have structural elements with narrow cross-sections, leading to economies right from the start.

- **COREX** can easily be mounted and dismantled, so it is possible to make changes in layouts.

- All types of pipework and wiring can be placed between or behind the **COREX** application, so installing services is easy.

PERFORMANCE

- Because of its low weight, suspended ceiling applications made with **COREX** bend less than those made with equivalent boards.

- As it is possible to construct narrow cross-sectional partition walls using **COREX**, the available floor area of the building is increased.

- When used with insulation materials, **COREX** causes an effective increase in acoustical and thermal insulation.
- It increases the fire resistance of structural elements such as reinforced concrete, steel and wood.

- As it is a breathable material, it leads to a healthier environment by stabilizing humidity.

RECOMMENDATIONS

- Use **ADERTEK** bonding plaster to bond **COREX** to the existing wall.
- Use **DERZTEK** jointing compound on **COREX** joints.



Technical Specification				
	General Type	All Types		
Length*	2400 mm	2000 mm-3600 mm		
Width	1200 mm	1200 mm		
Thickness	12,5 mm	9,5 mm	12,5 mm	15 mm 18 mm
Average weight	~8 kg/m ²	~7 kg/m ²	~8 kg/m ²	~12 kg/m ² ~15 kg/m ²
Flexural strength (Perp. to paper fibres)	≥ 550N	≥400 N	≥550 N	≥650N ≥770 N
Flexural Strength (Parallel to paper fibres)	≥210 N	≥160 N	≥210 N	≥250N ≥300 N
Edge type	IK, KK	IK (Tapered Edge) – KK (Square Edge)		
Thermal conductivity (λ)	0,25 to 0,19 W/mK		0,25 W/mK	
Water vapour permeability resistance factor	10			
Fire class	A2 - s1, d0	A2 - s1, d0 (Acc. to TS EN 520 +A1)		
Standard				
	General Type	All Types		
Standard	TS EN 520 +A1	Plasterboards-Descriptions-Requirements and Experiment Methods		
Type	Plasterboard (A)			
Packaging				
	General Type	All Types		
Thickness	12,5 mm	9,5 mm	12,5 mm	15 mm 18 mm
Number of boards in one pallet	72 pcs/pallet	72 pcs/pallet	72 pcs/pallet	40 pcs/pallet 30 pcs/pallet

* Lengths other than 2400 mm are produced to special order.

U Value Insulations -

Unit 3, Broadfield Business Park, Heywood, OL10 2TA - 01706 629793 - www.uvalueinsulations.co.uk
 Unit 24 Trade City Business Park, Cowley Mill Road, Uxbridge, London, UB8 2DB - 0203 4811 322
 Unit 510 Beech Road, Western Industrial Estate, Dublin 12 - 00353 016 931329
 Unit 505B Northwest Business Park, Mitchelstown Road, Ballycoolin, Dublin 15 - 00353 018 612000

