

corex



U Value Insulation

Delivering Better Solutions



- **COREX Sound** is a plasterboard that is used for construction of partition walls, drywall linings and suspended ceilings where greater levels of sound insulation are required.
- **COREX Sound** plasterboard is 12,5 and 15 mm thick and complies with EN 520. The long edges are slightly tapered and the ends are square cut with smooth finish.
- **COREX Sound** is more than %35 heavier compared with standart COREX plasterboards.
- **COREX Sound** with %100 recycled blue facer folds around the long edges and the back is covered by strong gray paper liner.

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USAGE

COREX Sound 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

- **COREX Sound** plasterboard is easy to handle. It can be cut and fastened with standard drywall tools and fasteners.
- Uniform high-strength cores eliminates cracking and also crumbling.
- **COREX Sound** plasterboard provides installation guide marks on the blue face both for 400 mm and 600 mm o.c.
- It is suitable for all kinds of finishing. It can be skim coated and painted.

LIMITATIONS

- **COREX Sound** plasterboard is for internal applications only.
- **COREX Sound** plasterboard is nonstructural product and should never be used as a nailing base or to support heavy wall mounted objects. It is not for load-bearing design.

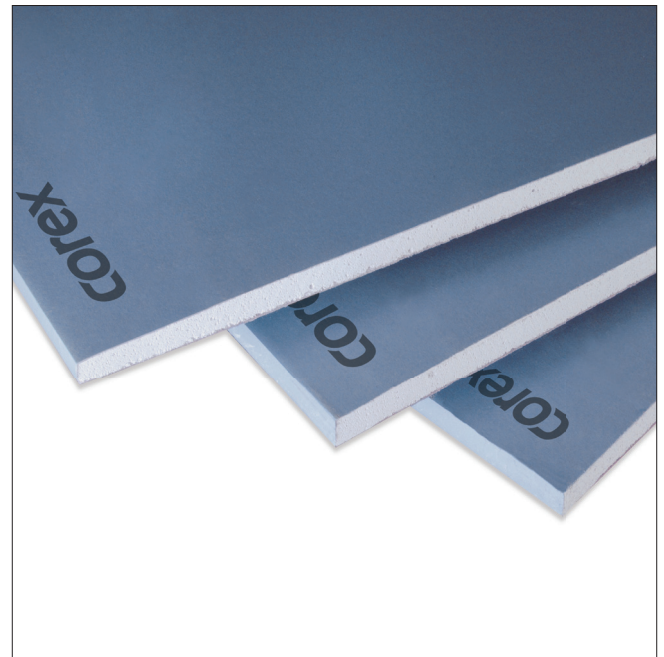
- **COREX Sound** plasterboard is unsuitable for use in areas subject to continuously damp or humid conditions. The designers should take care to eliminate all possibility of problems caused by humidity and condensation.
- **COREX Sound** plasterboard must not be installed where the temperature may exceed 52°C, for an excessive amount of time and must be installed while the ambient temperature at the time of installation is between 4°C and 35°C.

RECOMMENDATIONS

- Cutting should be from the face side of the boards for best results.
- Use jointing compound on **COREX Sound** joints with joint tape.

STORAGE and HANDLING

- Boards should be stacked flat.
- Handle with care to prevent sagging and/or damaging the surfaces, edges and ends.
- Gypsum board must be kept dry to prevent the growth of mold. Working environment or job site conditions which may expose the product to water or moisture must be fully avoided.
- Gypsum board must be stored in dry areas which protects it from condensation, and other forms of moisture.
- Gypsum board must be stored under protective cover and off the ground. Sufficient risers must be used to assure support for the entire length of the gypsum board to prevent sagging.



Technical Specification

All Types	
Length	2000 mm 3600 mm
Width	1200 mm
Thickness	12.5 mm 15 mm
Average weight	~10,8 kg/m ² ~12,8 kg/m ²
Flexural strength (Parallel to paper fibres)	≥550 N ≥650 N
Flexural Strength (Parallel to paper fibres)	≥210 N ≥250 N
Edge type	IK (Tapered Edge) – KK (Square Edge)
Thermal conductivity(λ)	0.25 W/m.K
Water vapour permeability resistance factor	10
Reaction to Fire	A2 - s1, d0 (Acc. to TS EN 520 +A1)

Standart

Standart	TS EN 520+A1 (Plasterboards-Descriptions-Requirements and Experiment Methods)
Type	Plasterboard with Controlled Density (Type D)

Packaging

	General Type	All Types	
Thickness	12,5 mm	12,5 mm	15 mm
Number of boards in one pallet	50 pcs/pallet	50 pcs/pallet	40 pcs/pallet

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