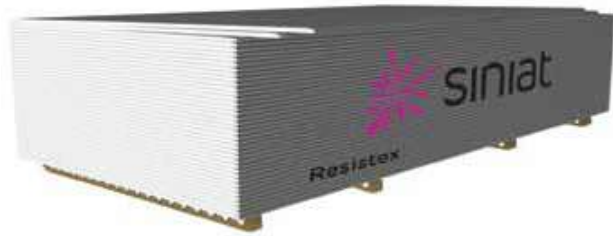


# RESISTEX 12,5 mm



## DESCRIPTION:

RESISTEX is a high density plasterboard with very special core formulation and covered with a specific multilayer grey cardboard. It is designed for antiburglary walls thanks to its increased mechanical resistance. Additionally, RESISTEX provides high acoustic and fire performance levels.

## APPLICATION

- ▶ RESISTEX is suitable for antiburglary walls RC2 and RC3 according to EN 1627:2011 and also provides improved acoustic insulation and fire resistance performances.
- ▶ RESISTEX allows eliminating steel sheet in RC2 and RC3 antiburglary walls. Moreover, it can be installed with standard profiles and screws.
- ▶ RESISTEX is suitable for internal walls in spaces with less than 80% intermittent relative humidity and can also be used in ceilings.

Resistex board is ideal for:

- ▶ Residential buildings: walls between flats and flats/hallways
- ▶ Commercial buildings: stock of valuable good and documents (banks, shops, jewelry, foreign exchange houses, etc)
- ▶ High traffic areas (stairs, hotels, schools, hospitals)

## FEATURES AND PERFORMANCES

Thickness	12,5 mm
Width	1200 mm
Length	2000 mm and 3000 mm
Density	896 kg/m <sup>3</sup>
Weight	11,2 kg/m <sup>2</sup>
Edge	tapered edge (TE)
Classification	DFH2IR
Fire reaction class	A2-s1, d0
Compliance authority	The board meets the requirements of standard EN 520 +A1:2010





Antiburglary



Acoustic insulation



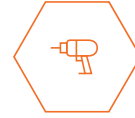
Fire resistance



Impact resistance



Moisture resistance



Easy installation

## ADVANTAGES

- ▶ **Antiburglary:** Resistex allows antiburglary partitions without metal sheet layers (partitions RC2 and RC3 according to EN 1627:2011);
- ▶ **Acoustic and fire:** with Resistex boards, antiburglary partitions reach high acoustic insulation and fire resistance levels;
- ▶ Thanks to Resistex impact resistance, antiburglary partitions can be used in high traffic areas;
- ▶ Resistex is moisture resistant (H2 according to EN 520 +A1:2010);
- ▶ **Easy to install:** on the top of allowing antiburglary partition without steel sheet layers, Resistex can be cut 'score and snap' and can be screwed with standard drywall screws.

## GENERAL STORAGE, HANDLING AND INSTALLATION INSTRUCTIONS

- ▶ Store in dry conditions;
- ▶ Store in dry and flat conditions. Boards shall be stored on pallets or wooden spacers, arranged at a distance of approx. 50 cm;
- ▶ Ensure safe stacking up to maximum 6 packs (or 4 metres);
- ▶ Use suitable handling equipment to avoid damage when lifting;
- ▶ Handling: boards shall always be handled from the stack by two persons and then be transported vertically;
- ▶ The boards affected by moisture during storage, should be perfectly dried before installation. For this purpose, the packages shall be placed upright on a smooth floor, allowing the air circulation;
- ▶ The long term storage for long periods in direct sun light is not recommended;
- ▶ Plasterboards storage should be made by considering the load-bearing capacity of the floor;
- ▶ Boards can be cut with knife (score and snap) or with manual or electrical saw for plasterboards;
- ▶ Use plasterboard screws adapted to the board thickness and metal frame thickness;
- ▶ Use metal frame adapted to plasterboard systems.

## HEALTH & SAFETY

Please refer to the Resistex safety datasheet.

**General safety instructions:** May contain traces of quartz. Any mechanical action during cutting releases dust that may contain quartz particles. Apply the suitable protection measures: 1-Avoid the emission of dust using tools with dust extraction system. 2-Ensure adequate ventilation in the workplace. 3-Avoid contact with eyes and skin and inhalation of dust by wearing appropriate personal protective equipment (safety glasses, gloves, protective clothing and dust mask, type P2 minimum).



Reaction to fire: A2 - s1, d0

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