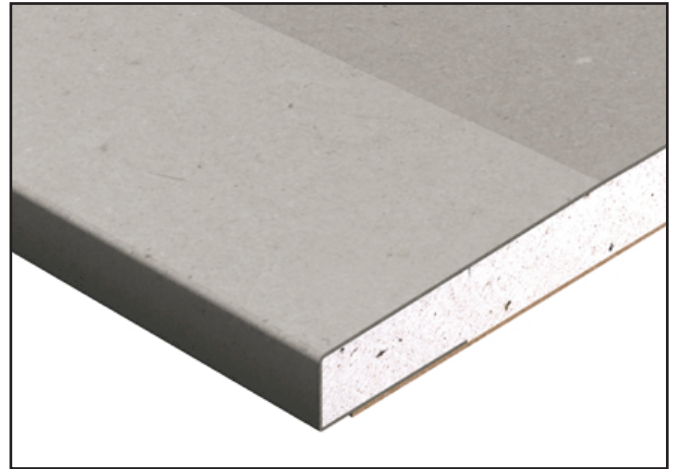


Gyproc GEK 13 Robust Plasterboard

Gyproc Robust plasterboards are significantly stronger than ordinary plaster boards. Gyproc Robust boards are meant for places, where extra impact resistance, durability and load-bearing capacity is needed. The strength of the boards is based on the combination of three features:

- The core is denser and harder gypsum
- The hard gypsum core is strengthened with tough glassfibre
- Multilayer paper liner on top

Gyproc Robust plasterboards come in two widths, GEK 13 1200 mm wide and GEKE 13 Ergo 900 mm wide.



Field of application

Gyproc Robust plasterboard assortments to places where durability and better soundproofing is needed. Gyproc Robust can resist impacts, battering, and loads from shelves etc. It is also approved for the layer underneath water insulations in bathrooms. Gyproc Robust can be used in accommodation and nursing facilities for separating walls. Other common fields of application are garages, storages and multipurpose spaces, hobby rooms, schools and day-care centres.

Fire protection

Plasterboard linings provide good fire protection owing to the unique behaviour of the non-combustible gypsum core when subjected to high temperature.

The gypsum core ability to release the crystallized water at high temperatures gives its fire resistant properties. 12,5 mm plasterboards' contain approximately two litres of crystallized water per square meter that is vaporized when exposed to fire.

Sound insulation

Plasterboards have excellent sound insulation properties, particularly due to a combination of and stiffness in relation to the thickness. Gyproc Robust boards have better sound proofing capability than Gyproc Normal plasterboards.

Recycling

Gyproc plasterboards are recyclable. More information is found on our website www.gyproc.fi.

Storage on site

When storing Gyproc plasterboards, carefulness must be taken. The boards must be protected while storing, han-

dling and assembling from getting wet. They are stored on solid and even ground on a footing piece. Outside the boards must be covered, but not sealed. Good ventilation is necessary between the boards and the cover. For further information see the Gyproc Handbook or click on www.gyproc.fi.

Handling and installation

The Gyproc Robust boards are easy to install, cut, handle and finish. Handling and installing is done as with Gyproc Normal board.

Finishing

The surface of GEK 13 and GEKE 13 boards is paper liner and it is treated like Gyproc Normal board. Priming is recommended to be done before wallpapering, so changing the wallpaper afterwards would be easier.

Edge execution

Tapered edge on the long side of the board and cut, straight short edges. With tapered edging the board joints are easy to joint with Gyproc G93 paper strip and finish with Gyproc ready-mix ProMix Mega J or ProMix Light JL.

Fire classification

A2-s1, d0

Properties of the product

See Gyproc Handbook

Type approvals

Technical Research Centre of Finland (VTT) type approval for racking resistance of building frames. Type approval number VTT-11365-06.

Fire approvals and certificates

- Russian GOST R Certificate of Conformity (fire safety)
- VTT certificate number VTT-C-2149-07 and VTT's complementary statement on fire behaviour of Gyproc products and systems used as fire walls and ceilings and fire incasement protection of load-bearing steel profiles.

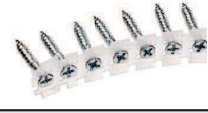




Emission Classification of Building Materials

The Building Information Foundation RTS emission class M1.

Additional information

For additional information on Gyproc Robust boards contact Gyproc. Information and installation instructions are also found on the Internet www.gyproc.fi

Board dimensions and weight		
	GEK 13	GEKE 13 Ergo
Width	1200 mm	900 mm
Thickness	12,5 mm	12,5 mm
Length	2400 mm	2400 mm
Weight	11,7 kg/m ²	11,7 kg/m ²

Screws for Gyproc GEK 13 and GEKE 13 boards				
Product		Length mm	Pieces/box	Ø mm
Steel and wood frame				
QM-ST 32 Quick		32	1000	3,8
QM-ST 41 Quick		41	1000	3,8
Steel and wood frame				
QSTR 25 Quick		25	1000	3,9
QSTR 41 Quick		41	1000	3,9
QSTR 51 Quick		51	500	3,9
Steel (drill head)				
QSBR 25 Quick		25	1000	3,9
QSBR 38 Quick		38	1000	3,9
QSBR 51 Quick		51	500	3,9
Wood frame				
QTR 29 Quick		29	1000	4,2
QTR 38 Quick		38	1000	4,2
Steel frame				
QSR 41 Quick		41	1000	3,9
QSR 51 Quick		51	500	3,9



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