



\*This stack image is for depiction purpose only. The actual board does not come with an end tape.

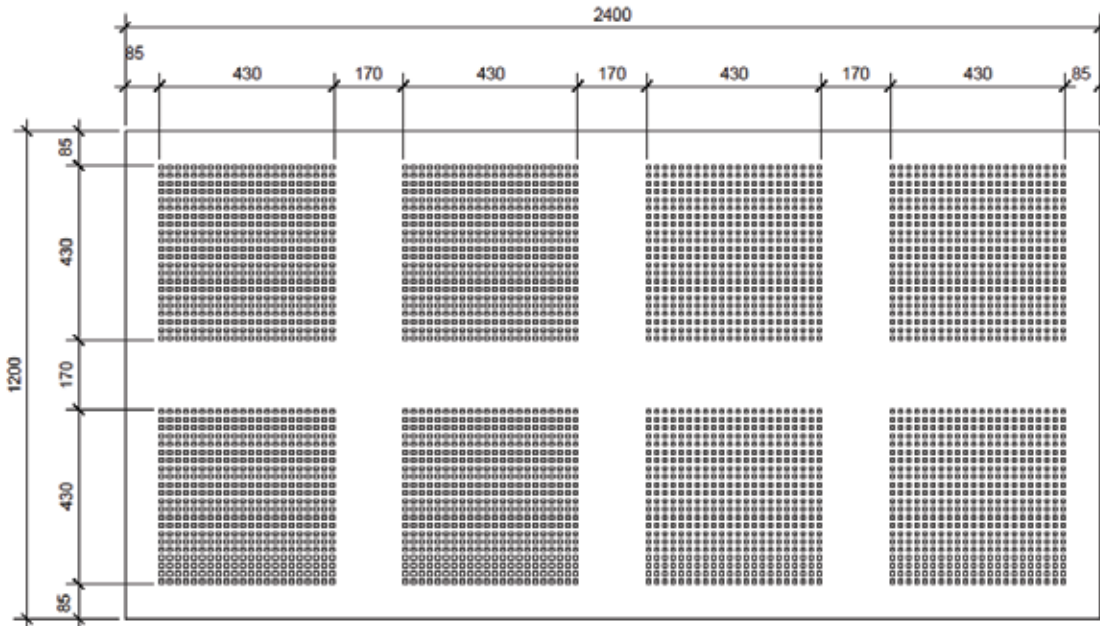
Product Datasheet

07 - 2024

## USGKnauf ECHOBLOC® Gypsum Plasterboards

ECHOBLOC® Gypsum Plasterboard consists of high-density Gypsum Plasterboards core bonded in heavy-duty paper liners. These are perforated ECHOBLOC® Gypsum Plasterboards when backed with insulation provide an acoustical performance of up to NRC 0.85 in addition to enhancement of aesthetics of the place of application.

## 12 mm Thick ECHOBLOC® Gypsum Plasterboard Specifications:



<b>Size (mm)</b>	12x1200x2400	<b>Perforation Distribution</b>	8@22x22
<b>Weight (kg/m<sup>2</sup>)</b>	<10	<b>Perforation Rate (%)</b>	13.4%
<b>Edge</b>	Tapered edge	<b>Non-Woven Fabric</b>	Imported sophisticated non-woven acoustic control textile
<b>Hole Shape</b>	Square	<b>Packaging (Pics/Stack)</b>	40
<b>Hole Diameter</b>	10x10 mm		

## 12 mm Thick ECHOBLOC® NRC Performance:

Frequency Hz	Sound Absorption Coefficient	NRC
125	0.30	0.85
250	0.73	
500	0.89	
1000	1.00	
2000	0.72	
4000	0.66	

12 mm Thick ECHOBLOC® offers up to 0.85NRC when backed with insulation.

## Edges:

Tapered & Square

## Application and Installation:

USGKnauf ECHOBLOC® Gypsum Plasterboards are suitable for various applications like false ceilings, walls linings & over drywalls in order to enhance the sound absorption. The use of these type of boards helps in improving the speech intelligibility in large public areas like auditoriums, cinema halls, etc. These boards are quick to install & finally help to achieve seamless finishing. Some of the large public areas can be:

- Airports
- Malls and shopping complexes
- Hotels
- Education institutes & offices
- Hospitals

## General:

It is essential to have health and safety legislation when working on site i.e. please adhere to the Safety Guidelines (personal protective clothing and equipment, etc). In practice, consideration must be given to design criteria for specific project solutions.

## Handing:

Manual loading and unloading of Gypsum Plasterboard should be carried out with care to avoid strain.

## Cutting:

Use of Gypsum Plasterboard saw is recommended to cut or score with a sharp knife and snapping the board over a straight edge. Openings like switch boxes or socket points should be cut out before the boards are fixed using a sharp knife. Power and hand tools to cut the gypsum plasterboard on job site should be used with care and in accordance with the manufacturers' recommendations.

## Fixing:

It is recommended to use appropriate length of drywall screws and take care to install fixings not closer than 13 mm from cut edges and 10 mm from round edges. Position the boards to the center line of the metal framing. Staggered horizontal and vertical board joints are recommended as a part of good practice.

## Jointing:

All Purpose Joint Compound is preferred to be used for jointing and finishing of gypsum plasterboard joints. However, USGKnauf has a range of jointing products like setting and air-drying compounds which can also be applied depending upon the climatic condition and nature of the project.

## Advisory:

USGKnauf ECHOBLOC® Gypsum Plasterboard is unsuitable for use in areas subject to continuously damp or humid conditions and must not be used to isolate dampness.

### Knauf India Private Limited

**Head Office:** 9th Floor, Plaza Tower, DLF Phase -1, Gurugram -122002, Haryana, India

**Customer Care No:** +91 - 9015147147

**Email:** info.india@knauf.com