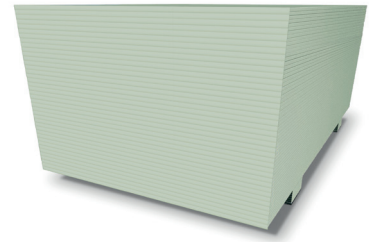


KNAUF SHEETROCK® ECHOSTOP™

Knauf Sheetrock® Echostop™ is a perforated gypsum board designed for systems requiring both superior acoustic and aesthetic qualities. It is recommended for use as wall or ceiling lining where sound absorption or decorative applications are required.



Features and Benefits

- Simple installation
- Up to NRC of 0.75
- Flush jointing
- SGBC Green Product certified

Advantages

Sag Resistance

Shall be free from sagging or warping (defined as greater than 5mm measured in the panel centre) as a direct result of defects in material or factory workmanship. Sag resistance is measured under 'Standard Test Method for Physical Testing of Gypsum Panel Products1', ASTM C473-03; Section 14.0 Humidified Deflection.

Applications

- Large open ceiling areas
- Auditoriums
- Offices
- Cinemas
- Schools
- Hotels
- Restaurants
- Concert Halls
- Shopping Malls

Limitations

1. The system installation shall be carried out in a controlled environment with temperature 0° - 40°C, RH up to 90%. The environment conditions shall remain within the said limits after completion.
2. Installation shall be free from excessive humidity, chemical fumes, corrosive substance, freezing temperature or vibration.
3. The quality assurance shall not cover damages caused by fire or direct contact with water including, condensation, caustics substance or vapour due to leaks or temperature and humidity conditions, which cause condensation to develop on the plasterboards or other elements of nature or act of God, or by any form of physical abuse.
4. The product must be stored in a dry and clean area protected from possible damage by rain and excessive moisture. Care must be taken that the products are not damaged during delivery and must also be protected against possible abrasions.

Product Information

Knauf Sheetrock® Echostop™ S8 (S = Square Perforation, 8 sections)

S8	Size (mm)	Weight (kg/m²)	Edge Shape	Perforated Type	Perforated Size
	12 x 1200 x 2400	8.0	Tapered	Square	10 x 10mm
	Pattern	Perforation Rate (%)	Standard Packaging	NRC with 50mm Knauf Insulation 50mm x 24kg/m³ (Min. density)	
	8 @ 22 x 22	13.4%	40	0.70	

Knauf Sheetrock® Echostop™ R1 (R = Round Perforation, 1 section)

R1	Size (mm)	Weight (kg/m²)	Edge Shape	Perforated Type	Perforated Size
	12 x 1200 x 2400	7.7	Tapered	Round	Ø 15mm
	Pattern	Perforation Rate (%)	Standard Packaging	NRC with 50mm Knauf Insulation 50mm x 24kg/m³ (Min. density)	
	1 @ 75 x 35	16.1%	40	0.75	

*The above specifications are standard plasterboard dimensions.

Suspension System Components

Suspension System Detail	No	Item Number	Description
	1	Knauf P.N 129	Furring Channel @600mm C/C Max
	2	Knauf P.N 128	Top Cross Rail @1200mm C/C Max
	3	Knauf P.N 139	TCR Key Joiner
	4	Knauf P.N 2534	TCR Clip and Rod Joiner (Adjustable)
	5	Knauf P.N 121	Suspension Rod @1200mm C/C Max
	6	Knauf P.N 247	Suspension Bracket Anchored to Concrete
	7	N/A	Knauf Insulation Glasswool 50mm x 24kg/m³ (Min. density)
	8	N/A	Stagger Butt Points

For more information, please contact our technical service.



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