



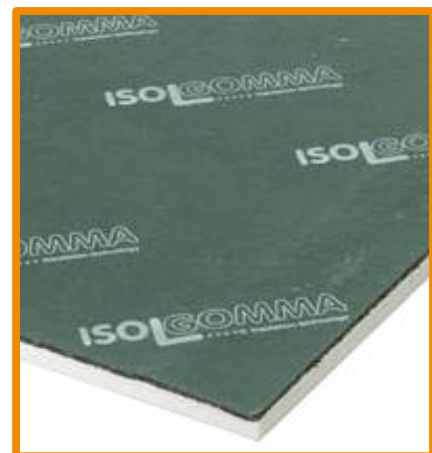
TECHNICAL DATA

Rewall 28R

Acoustic and thermal insulation for floating floors, for lining of existing walls and ceilings

Product description and Technical Specification

Airborne noise insulation in 28 mm-thick pre-assembled panels, made of a 8 mm-thick SBR (Stirene Butadiene Rubber) rubber granules hot pressed with polyurethane binder, density of 800 kg/m³ and a 20 mm-thick polyester fiber panel, density of 100 kg/m³. The panels dimensions are 1.20 m width x 1.00 m length.



- thermal and sound insulating
- long term durability and stability
- eco-compatible

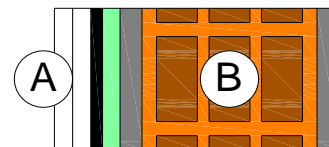
PHYSICAL CHARACTERISTICS	Standard	Unit	Rewall 28R	Tolerance
Nominal thickness		mm	28	± 1
Length		m	1.00	± 0.005
Width		m	1.20	± 0.005
Overall Superficial mass		kg/m ²	8.4	± 5%
Colour			green / black	

ACOUSTIC CHARACTERISTICS	Standard	Unit	Rewall 28R	Tolerance
Dynamic stiffness (s')	EN 29052/1	MN/m ³	9	± 1
Impact sound reduction improvement (ΔLw) - by laboratory	EN ISO 10140	dB	29⁽¹⁾	

Wall composition 20.5 cm thick - certified

A: coating made with: Rewall 28R + 2x12.5 mm plasterboard

B: 120 mm hollow block wall (12/25/50) + 1.5 cm plaster on both sides



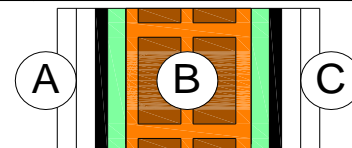
Transmission loss (Rw) ⁽¹⁾	EN ISO 10140	dB	57⁽¹⁾	
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Wall composition 18.5 cm thick - certified

A: coating made with: Rewall 28R + 2x12.5 mm plasterboard

B: 80 cm hollow block wall (8/25/50)

C: coating made with: Rewall 28R + 2x12.5 mm plasterboard



Transmission loss (Rw) ⁽¹⁾	EN ISO 10140	dB	60⁽¹⁾	
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TECHNICAL CHARACTERISTICS	Standard	Unit	Rewall 28R	Tolerance
Thermal resistance (R)	EN 12667	m ² K/W	0.70	
Fire grade	EN 13501-1		F	

PACKING AND STORING

Each pallet is wrapped and protected with a polythene film. Although the wrapping is waterproof, inside storage is recommended to avoid possible wet storing

(¹) Values obtained in Isolgomma acoustic laboratory.

The suggestions and technical information given above represent our knowledge regarding the properties and the product's uses. ISOLGOMMA reserve the right to modify or update this data without prior notice. This document is the property of ISOLGOMMA and all rights are therefore reserved



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INSTALLATION INSTRUCTIONS

COATED WALL



Lay the under wall strip



Apply the glue on the panel by spreading it on dots.
 (suggested glue Knauf Perfix)



Apply the panel on the wall by forcing with homogeneous pressure.

GLUE APPLICATION

NAILS APPLICATION



On each Rewall panel mark the holes points placed as per the drawing here shown



Proceed drilling the halls by a 10 mm driller and apply the nails



Apply the adhesive Syl strip between two nails



Fix the second gypsum board by gluing dots or screwing it on centre line and on the side borders with double thread screw. Offset



Apply the plastic mesh tape in the gypsum boards jointing lines



Grouting



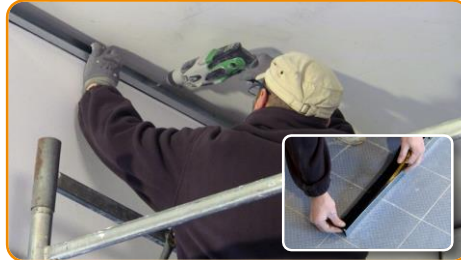
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INSTALLATION INSTRUCTIONS

COATED CEILING



Glue the adhesive strip Stywall S3A to the metal studs and fix them along the upper perimeter of the room



Calculate the distance of the metal studs of 50 cm and fix the acoustic bracket every 80 cm



Drill the ceiling and fix the acoustic bracket



Fix the metal stud to the acoustic bracket



Lean the Rewall panel to the metal frame



Fix the Rewall panel to the metal frame with 55 mm screws every 15 cm



Fill the possible gaps between panels



Apply the plastic mesh tape in the gypsum boards jointing lines and grouting

FLOOR INSULATION



Install the edging strip to the walls and install the panels on the floor with the rubber side to the top



Seal the junctions between the panels with the Stik tape



Build the screed