



RIGITONE® 12-20/66 ACTIV'AIR®

Sound absorption perforated board



Product Description

Continuous sound absorption board manufactured based on Gypsum Plasterboard, with punched perforations and using Activ'Air® technology in its manufacture.

Tecnología Activ'Air®

In the manufacturing of Placo® Activ'Air® products, a compound capable of reacting chemically with formaldehydes is incorporated, neutralising them without them being released back into the air. They capture and transform up to 70% of these aldehydes in inert compounds, and under normal conditions, it remains effective for at least 50 years.

Application

Depending on the size and order of the perforations, Rigitone® boards allow for numerous design variations, including curved and flat surfaces, with black tissue as standard, and white or no tissue on request. Rigitone® 12-20/66 Activ'Air® is suitable for areas and rooms where acoustic correction is required, reducing the reverberation time.

Storage and conservation

Store the boards on flat surfaces and never outdoors, keep them covered and away from sunlight and rain.

Conditions of installation

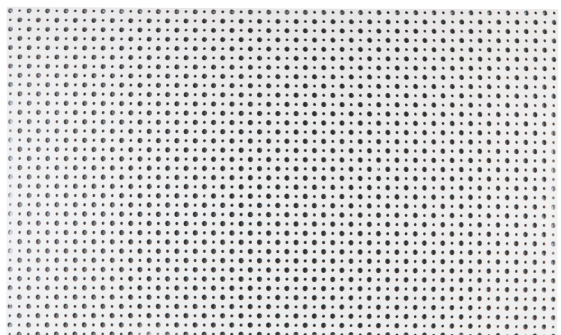
Recommended installation with Rigi profiles, accessories and screws, and PR MULTI joint compound. Rigitone® panels must be installed and used in rooms with relative humidity below 70% and/or temperatures below 45°C.

Handling

When the boards are transported using forklift trucks, the forks should be open as wide as possible.

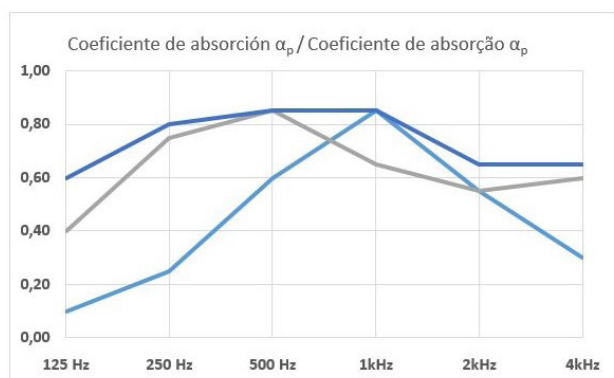
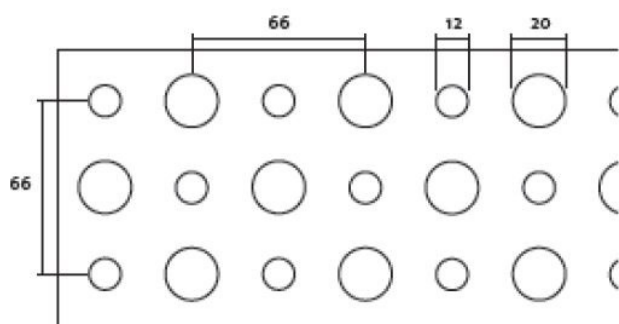
Surface maintenance description

The boards can be cleaned with a vacuum cleaner to remove the dust. The final surface can be painted on the back using a short-haired roller. Using water vapour permeable paint is recommended. The boards must not be spray painted.



Characteristic	Value
Norms	EN 14190, Gypsum plasterboard products from reprocessing. Definitions, requirements and test methods
Long Edge Type	Squared Edge (SE)
Short Edge Type	Squared Edge (SE)
Fire Reaction (EN Standard)	A2-s1, d0
Approximate weight per m ²	9.5 kg/m ²
Perforation type name	Circulars
Perforation size	12 and 20 mm
Perforation ratio	19.6 %
Distance between perforations centers	66 mm
Back tissue color	Black

Edge Type	Dimensions (mm)			Weight (kg/m ²)	Packaging Boards/Pallet
	Length	Width	Thickness		
4BC	1980	1188	12.5	9.5	20



12-20/66			
Plenum	50 mm	200 mm	
Lana mineral Lã mineral	-	-	60 mm
Frecuencias Frequências	125 Hz	0,10	0,40
	250 Hz	0,25	0,75
	500 Hz	0,60	0,85
	1kHz	0,85	0,85
	2kHz	0,55	0,65
	4kHz	0,30	0,65
α_w	0,45	0,65	0,75
NRC	0,60	0,70	0,80
α_m	0,70	0,70	0,80

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