placo
SAINT-GOBAIN

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

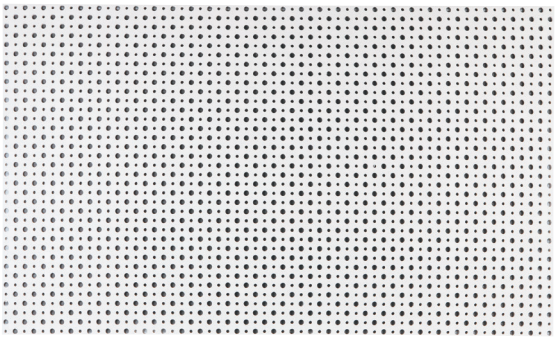
Depending on the size and order of the perforations, Rigitone® boards allow for numerous design variations, including curved and flat surfaces, with black tissue as standard, and white or no tissue on request. Rigitone® 12-20/66 Activ'Air® is suitable for areas and rooms where acoustic correction is 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 45ºC.



Handling

When the boards are transported using forklift trucks, the forks should be open as wide as possible. Remember that you can find information about how to handle, use and unload our products on our website.

Surface maintenance description

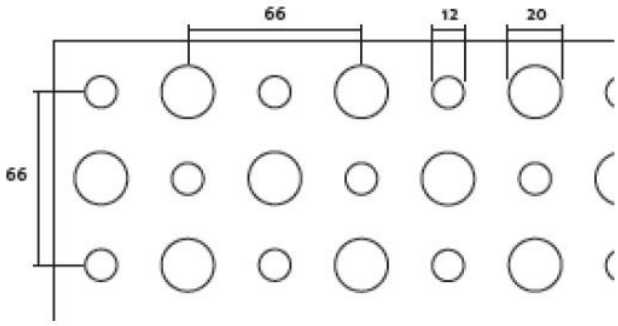
The boards can be cleaned with a vacuum cleaner to remove the dust. The final surface can be painted on the back using a short-haired roller. Using water vapour permeable paint is recommended. The boards must not be spray painted.

SAINT-GOBAIN

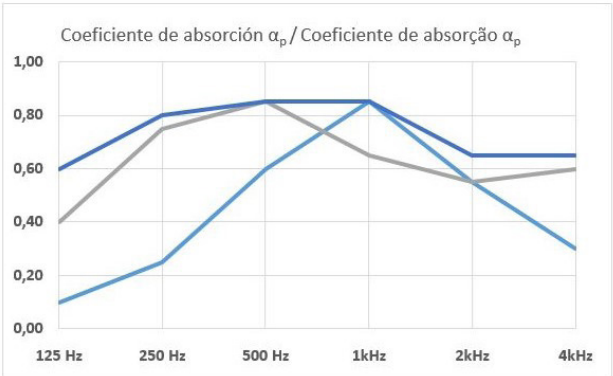
RIGITONE® 12-20/66 ACTIV'AIR®

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 m²	9.5 kg/m²
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	Packaging
	Length	Width	Thickness	(kg/m²)	Boards/Pallet
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	0,60
	250 Hz	0,25	0,75	0,80
	500 Hz	0,60	0,85	0,85
	1kHz	0,85	0,65	0,85
	2kHz	0,55	0,55	0,65
	4kHz	0,30	0,60	0,65
αw		0,45	0,65	0,75
NRC		0,60	0,70	0,80
αm		0,70	0,70	0,80



This information and, in particular, the recommendations relating to the application and use of the product, are based on the current technical knowledge and experience of SAINT-GOBAIN PLACO IBERICA S.A. of its products, which must be correctly stored, handled and installed within their useful life. The terms of the General Conditions of Sale and Supply of Saint-Gobain Placo S.A. apply to all orders. SAINT-GOBAIN PLACO IBERICA S.A. reserves the right to change the technical specifications of the product without prior notice. It is the user's responsibility to find out and use the latest and updated version of the product data sheets, a copy of which will be sent to those who request it. The content of this document is not exhaustive, Saint-Gobain Placo S.A. accepts no responsibility in the event of the use of our products in a way that does not conform to the instructions supplied by Saint-Gobain Placo S.A. Within the legal limits, Saint-Gobain Placo S.A will not be responsible for loss of profit or indirect damages.

SAINT-GOBAIN

Delegación General Mediterránea de Saint-Gobain para España, Italia, Portugal, Grecia, Marruecos, Argelia, Túnez y Libia
c/ Príncipe de Vergara, 132 • 28002 • Madrid • Tel: +34 91 397 20 00 • www.saint-gobain.es