placo
SAINT-GOBAIN

GYPTONE® ACTIV'AIR® BIG QUATTRO 42

Sound absorption perforated board

Product Description

Sound absorbing panel for continuous suspended ceilings manufactured based on gypsum plasterboards, with punched perforations and using Activ'Air® technology in its manufacture.

Tecnología Activ'Air®

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

Application

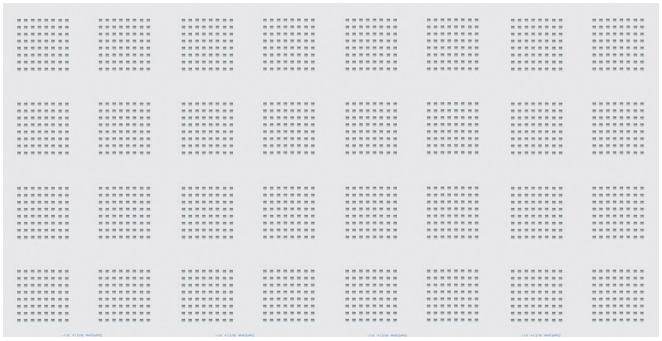
Gyptone® boards allow numerous design variations, depending on the size and the order of their perforations. With white tissue by default and black tissue upon request. Suitable for both curved and flat surfaces, Gyptone® Big Quattro 42 boards are suitable for premises and rooms where acoustic correction is required by reducing the reverberation time.

Storage and conservation

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

Conditions of installation

Gyptone® plates must be installed and used in rooms with relative humidity below 70% and/or temperatures below 45ºC.



Handling

Take special care in the transport and handling of the boards, preventing any knocks that may cause potential breakages, particularly around their edges. 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.

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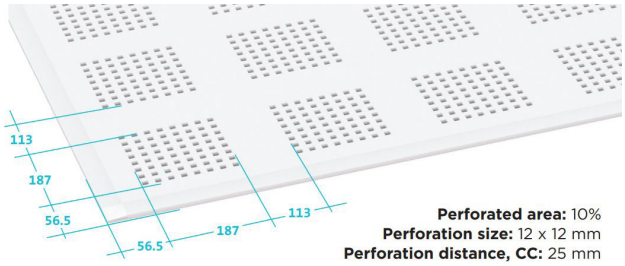
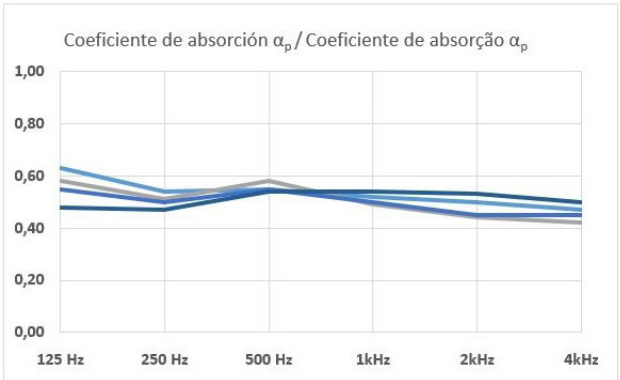
GYPTONE® ACTIV'AIR®
BIG QUATTRO 42

Characteristic	Value
Norms	EN 14190,Gypsum plasterboard products from reprocessing. Definitions, requirements and test methods
Long Edge Type	Tapered Edge (TE)
Short Edge Type	Tapered Edge (BA)
Fire Reaction (EN Standard)	A2-s1, d0
Approximate weight per m²	8.9 kg/m²
Perforation type name	Squared
Perforation size	12 x 12 mm
Perforation ratio	10 %
Back tissue color	White
Total VOC emissions value	A+ (France. Arrêté DEVL1104875A)

Edge Type	Dimensions (mm)			Weight	Packaging
	Length	Width	Thickness	(kg/m²)	Boards/Pallet
4BA	2400	1200	12.5	8.9	20



Perforated area: 10%
Perforation size: 12 x 12 mm
Perforation distance, CC: 25 mm



BIG QUATTRO 42					
Plenum		58 mm	200 mm	200 mm	400 mm
Lana mineral Lã mineral		50 mm	-	50 mm	50 mm
Frecuencias Frequências	125 Hz	0,63	0,58	0,55	0,48
	250 Hz	0,54	0,51	0,50	0,47
	500 Hz	0,55	0,58	0,55	0,54
	1kHz	0,52	0,49	0,50	0,54
	2kHz	0,50	0,44	0,45	0,53
	4kHz	0,47	0,42	0,45	0,50
αw		0,55	0,50	0,50	0,55
NRC		0,50	0,50	0,50	0,50
αm		0,50	0,50	0,50	0,55

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