



# RIGITONE® 8-15/20 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® 12/25 Q 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

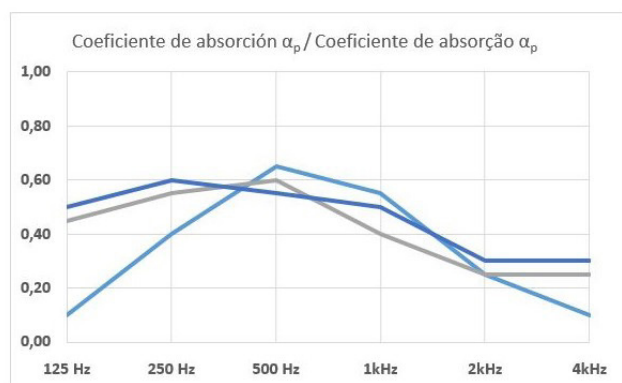
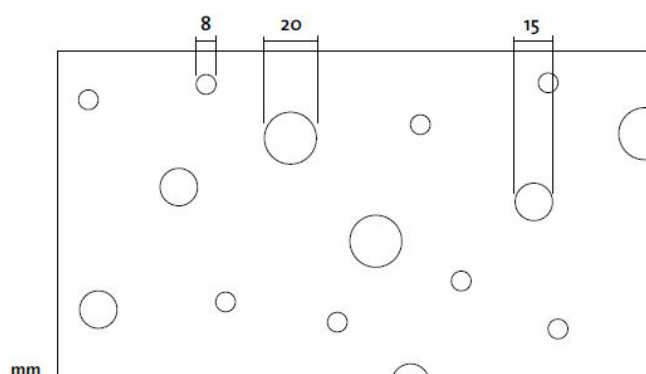
When the boards are transported using forklift trucks, the forks should be open as wide as possible.

## 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                       | Square Edge (SE)                                                                                     |
| Fire Reaction (EN Standard)           | A2-s1, d0                                                                                            |
| Approximate weight per m <sup>2</sup> | 10 kg/m <sup>2</sup>                                                                                 |
| Perforation type name                 | Circular                                                                                             |
| Perforation size                      | 8, 15 and 20 mm                                                                                      |
| Perforation ratio                     | 6 %                                                                                                  |
| Back tissue color                     | Black                                                                                                |

| Edge Type | Dimensions (mm) |       |           | Weight (kg/m <sup>2</sup> ) | Packaging Boards/Pallet |
|-----------|-----------------|-------|-----------|-----------------------------|-------------------------|
|           | Length          | Width | Thickness |                             |                         |
| 4BC       | 2000            | 1200  | 12.5      | 10                          | 20                      |



| 8-15/20                    |        |        |       |
|----------------------------|--------|--------|-------|
| Plenum                     | 50 mm  | 200 mm |       |
| Lana mineral<br>Lã mineral | -      | -      | 60 mm |
| Frecuencias<br>Frequências | 125 Hz | 0,10   | 0,45  |
|                            | 250 Hz | 0,40   | 0,55  |
|                            | 500 Hz | 0,65   | 0,60  |
|                            | 1kHz   | 0,55   | 0,50  |
|                            | 2kHz   | 0,25   | 0,30  |
|                            | 4kHz   | 0,10   | 0,30  |
| $\alpha_w$                 |        | 0,25   | 0,35  |
| NRC                        |        | 0,50   | 0,50  |
| $\alpha_m$                 |        | 0,50   | 0,45  |

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