

# Acoustic panel

## Technical Card



### 1. Material:

MDF (laths), felt (panel backing)

### 2. Coating:

Pre-impregnated foil

### 3. Bonding:

Staples, hot-melt glue

### 4. Usage/function:

decoration of residential interiors and public spaces; protection of walls from damage, dirt; improvement of interior acoustics.

### 5. Technical parameteres:

• finished product length tolerances [mm]	+2/-2
• finished product width tolerances [mm]	±1
• finished product thickness tolerances [mm]	±1
• felt thickness tolerances [mm]	±1
• tolerances for length of felt [mm]	+2/-2
• felt basis weight [g/m <sup>2</sup> ]	1000
• tolerances for thickness of lamellas [mm]	+0.5/-0
• tolerances for width of lamellas [mm]	+0.5/-0
• tolerances for lamella length [mm]	+0/-2
• density of the MDF board used for the production of the lamellas:	600-800 kg/m <sup>3</sup>
• tolerance of cutting at an angle of 90°	±1°
• thermal resistance of the product:	max 50°C
• sound absorption according to PN-EN 150 116S4: 1999: (according to measurements for 400x2600 panels with 12x27 laths)	class E

### 6. Mounting method:

Mounting glue. The amount of adhesive to be applied should be adjusted according to the weight of the panel and the type of supporting substrate.

Do not use installation glue containing solvents to fix acoustic panels.

At least 24 hours before the final installation of the panels, test gluing should be carried out to ensure that the mounting adhesive used does not damage the panel and to check the strength of the resulting joint. The product is designed to make joints of adjacent panels along the long edge. Acoustic panels can be cut to fit the length of the room height.

When joining panels in vertical strips [in rooms higher than the length of the panels] there may be visible displacement of lamellas on adjacent panels along the shorter side - this does not constitute a defect in the product and cannot be the basis for a claim.

Detailed information on how to install the modules are contained in the Installation Manual.

### 7. Storage:

protect from direct weathering, moisture; store in dry

and closed rooms in horizontal position [in residential conditions] away from heat sources; store at temperature up to 50°C, at humidity max. 60%

### 8. Recommendations:

do not use chemicals to clean stains; use the product only indoors, protect from moisture and temperatures above 50°C.

### 9. Additional information:

MDF has hygroscopic properties, which may result in expansion of the material when exposed to moisture; the material is susceptible to stresses that cause deviations in straightness; these natural characteristics of the material cannot be considered product defects; Formaldehyde emissions: EOS class, E1

The products covered by this Technical Data Sheet comply with the European REACH Regulation No. 1907/2006 and do not contain substances listed on the SVHC Candidate List [substances of very high concern]. Acoustic panels are not construction products and are not subject to Directive 305/2011.