

EWONA

FOR PERFECT ACOUSTICS

Ewona Background Acoustic Panels

PERFECT INDOOR CLIMATES FOR WORK AND REST



Ewona acoustic panels are made from heat-bonded polyester fibres. The recycled fibre content of the material is 65% on average. Acoustic panels have been granted the right to use the Allergia- Iho- ja Astmaliitto's (Allergy, Dermatitis and Asthma Association) allergy symbol. The products have also been awarded M1 emission classification.

Acoustic panels do not trap moisture and, therefore, do not provide a breeding ground for mould or other microbes. The dust-free panels are easy to install, and working without protective equipment does not irritate the respiratory tracts or skin. Ewona acoustic panels will not subsequently release harmful particles into the indoor air.

EWONA BACKGROUND ACOUSTIC PANELS



Use

Background acoustic panels can be used for background acoustics installations in any space. The excellent air permeability of the porous structure of the insulation creates superior sound insulation. The background acoustic panel does not absorb water or become brittle – therefore its soundproofing properties remain unchanged for up to 50 years.

The fibres are heat-bonded together without any chemical binding agents, which makes the panels an allergy safe installation option.

Applications

Ewona's background acoustic products are suitable for all construction.

Examples:

- Acoustic slat panel background panel
- Hospitals and nursing homes
- Schools and kindergartens
- Environmental construction
- Sports facilities
- Swimming halls
- Cinemas and concert halls
- Offices
- Industrial halls and production facilities
- Residential construction
- Many other facilities



Technical specifications

| | |
|------------------------------|--------------------------------------------------------------|
| Density (kg/m ³) | 20 |
| Panel size (mm) | 565 x 1170 or customer's measurements |
| Thicknesses (mm) | 30, 50, 100 |
| Panel colors | White. Black and grey are also available on special request. |



Impact resistance

Impact resistant, class 1A, EN 13964



Cleaning

Clean Ewona Ewona Backrounf Acoustic panels by vacuuming or brushing. You can remove stuck-on dirt by wiping with a damp cloth. Do not use strong solvents, only water and a diluted detergent solution.



Fire classification

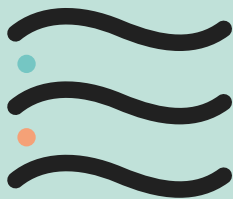
The fire rating of Ewona Backround acoustic panels is determined in accordance with EN 13501-1. The method of installation affects the fire class. If the panel will be coated with, for example, plasterboard, the fire class is determined by the plasterboard.

| Installation method | Fire class |
|---------------------|------------|
| On surface | Bs2d0 |
| Suspended | BS1d0 |



Disposal of material

At the end of their life cycle, Ewona acoustic panels can be sent for textile recycling.



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