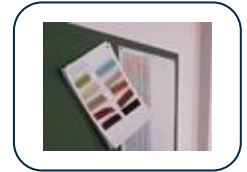


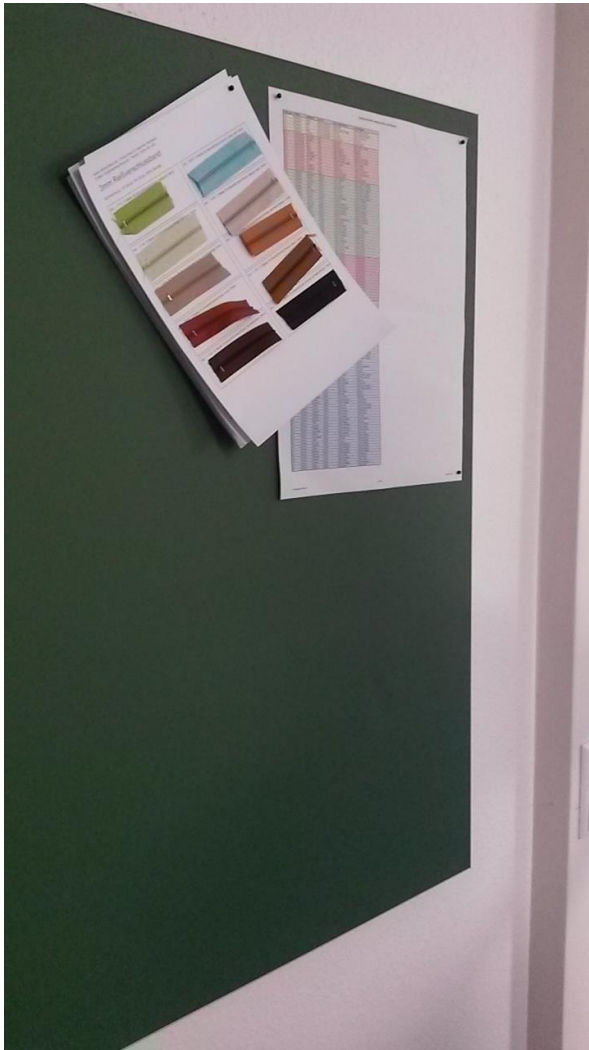
PLAKA SOFT PINBOARD

Absorption panel in polyester fibers, inserted in a frame and covered with a fabric

REF 12.12.32 - Version V01 - 24/08/2020



Description



PLAKA SOFT PINBOARD acoustic murals comprise of Plaka Soft boards with a visible aluminium frame for wall mounting.

Plaka Soft is an acoustic membrane made of 100% PET staple fibre. Recycled PET bottles are used to manufacture this product, for instance. The fibres are thermally and mechanically strengthened without the use of chemical binding agents.

Product class I is achieved for baby articles in accordance with the Oeko-Tex Standard 100. A special process is used to smoothen and compact the surface on both sides. This lends the membrane panels inherent rigidity, for use also as ceiling panels, for instance.

Plaka Soft features a broad spectrum of attractive properties.

The excellent attributes are :

- high level of sound absorption capability
- low weight
- good elasticity and stability of the Plaka Soft polyester board, which makes it perfectly adapted to a “pinboard” application.

The surrounding aluminium frame has a standard depth of 35mm and a viewing width of 8mm. Two adjustable screw hooks are foreseen on the back of the frame for simple attachment on the wall. Plaka Soft absorber boards with fabric cover (thickness 25mm) are used as filling. The fabric cover can be chosen from a wide range of colours and textures, making the acoustic mural PLAKA SOFT PINBOARD a design feature for functional wall areas that can drastically reduce both reverberation time and sound level.



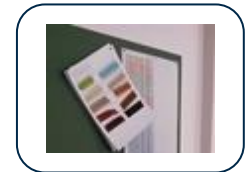
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Application fields

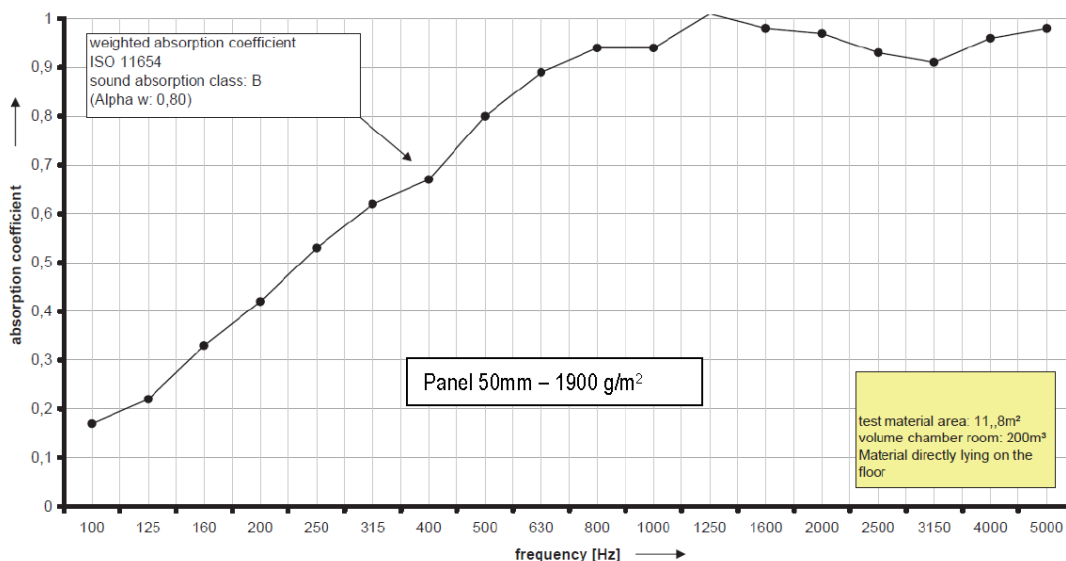
PLAKA SOFT PINBOARD can be applied as a mural in :

- office and administration buildings, e.g. meeting rooms...
- kindergartens and schools
- shops
- call centres
- banks and insurance companies
- ...

Properties

Mechanical properties	
Base material	Plaka Soft – 100% polyester fibres White (colourless) and odourless flat polyester fibre textile material With a special method, we can dye Plaka Soft in diverse colour hues, according to RAL, for instance, or cover Plaka Soft with a coloured fabric.
Solubility	Not soluble in fat or water
Thermal conductivity	≥ 0.035 W/mK in acc. With DIN EN 12667
Fire behavior :	<ul style="list-style-type: none"> • Polyester fibre textile material Plaka Soft : • Fabric cover :
Weight per unit area	25 mm panel, 1200 g/m ² (smoothened both sides) 50 mm panel, 2500 g/m ² (smoothened both sides) 200 mm panel, 5000 g/m ² (not smoothened)

Sound absorption of Plaka Soft boards in reverberation chamber as per DIN EN ISO 354.



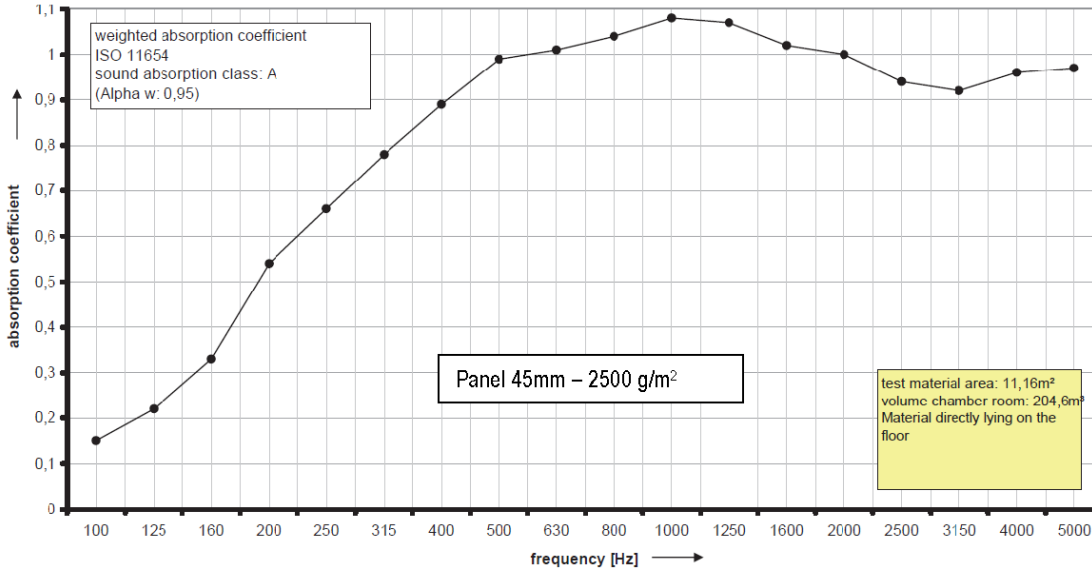
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Due to the many possible applications of our products, we recommend subjecting the project to a thorough suitability test on original materials before release for further application.

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This technical data sheet replaces all previous versions and is valid until a new version is issued, or until Dec. 31, 2015. Please request the latest version after Jan. 01, 2016

Dimensions

Plaka Soft Pinboard dimensions	
Frame depth:	35 mm
Length and width:	500 x 1000 mm 1000 x 1000 mm 1000 x 1500 mm 1000 x 2000 mm

We will be pleased to provide other dimensions on request.

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