

Bulletin acoplaster f

Description

Acoplaster is a seamless acoustical spray that will be applied in several layers, available from a textured surface to extremely smooth. Herewith every acoustical absorption is in arms reach with a minimum in thickness. Acoplaster can be applied directly against the substrate.

Key features

- Excellent acoustical properties
- Durable
- Water-based
- High quality finish
- In mass deliverable in any color by adding pigments into the adhesive
- Hygroscopic
- Light weight
- Diffusion open
- Easy to repair
- Based on a fire-resistant acoustical absorbing board

Applications

Both new constructions and renovations, as long as the acoustic experience plays an important role. For instance: Community spaces, residential buildings, classrooms, restaurants, sports, auditoriums, nightlife, car parks, offices, living rooms, kitchens, swimming pools, care homes, conference rooms, etc.

Fire-resistant class

Classification: EN 13501-1:2007+A1:2009 B-s1.d0 / A2-s1.d0

Acoustical properties Acoplaster f (NEN-EN-ISO 354:2003)

Product type:	125Hz	250Hz	500Hz	1kHz	2kHz	4Khz	α_w	NRC
Acoplaster f, 32mm	0,30	0,80	1,00	0,95	0,90	0,90	0,95	0,90

Processing data

- The spray is applied by a specifically developed technique consisting of a diaphragm pump and specific hand-tools;
- Drying should be supported by dehumidifiers and fans;
- Optimal applying conditions > 15°C, with a relative humidity < 65%

Product information

- The complete system is applied by mobile scaffolds or platforms;
- The system consists out of a fire-resistant acoustical absorbing board. This board has a very high density. Available in a thickness from 10mm until 70mm in steps of 5mm;
- Seams between the boards will be filled out with Acofiller. The basis fabric of Acofiller is a waste scuff product. Reuse leads to a perfect filler material;
- Plaster consists out of recycled cellulose with mineral supplements;
- Density: 5,5kg/m² in 32mm thickness;
- Gloss: matt

Systems

Pre-treatment:

- Substrate needs to be clean, dry and free of dust;
- Remove lose parts;
- Completely close holes and cracks in substrate;
- Unevenness must be smoothened;
- Those Electricity pipes and cables that haves to be out of sigh, need to be placed directly on the substrate so that they can be hidden in the plasterwork;
- Electricity boxes need to be extended in the thickness of the plasterwork;
- Metal parts need to be treaded water retaining;
- Aluminium or plastic profiles need to be placed to end the spraywork when it is nog possible to end against a wall or window frame.

Finishes:

- Range of finishes are possible, applied by spray and trawling technique;
- With completely flat and smooth finish, the surface need to be scuffed.

Structures:

- F1 smooth finish bright white surface
- F2 flat finish off-white surface
- F3 fine grain structure