

Date: August 2020

Product group: Acoustic Coat

Description

The Acoustic Coat is an acoustical “transparent” coating which can be applied on top of an acoustical plaster or panel.

The purpose of this coating is to create an aesthetic layer/color which is able to let the sound waves through so the acoustical plaster or panel can continue to fulfill it’s acoustical function.

Key features

- Acoustical “transparent” properties.
- Water-based
- Applied by brush, roller and spray
- Colors: White and a wide range of RAL colors on demand.
- Solvent- free

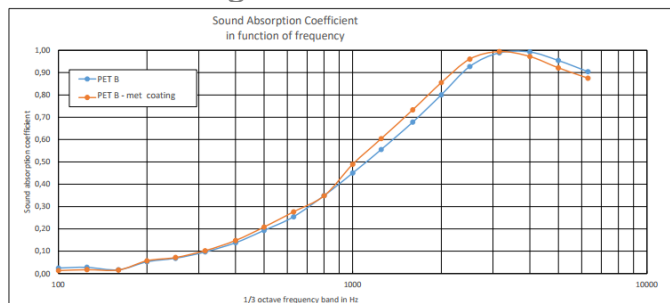
Substrate conditions:

- Substrate needs to be clean, dry and free of dust;
- Remove lose parts

Which substrates to be applied:

- Cellulose acoustical spray plasters
- Acoustical PET baffles or panels
- Glass wool acoustical panels
- Smooth acoustical seamless plaster systems

Acoustical testing:



Frequency in Hz	Sound Absorption Coefficient as	
	1 Petac B	2 Petac BC - met coating
100	0.02	0.01
125	0.03	0.02
160	0.02	0.02
200	0.05	0.06
250	0.07	0.07
315	0.10	0.10
400	0.14	0.15
500	0.19	0.21
630	0.25	0.28
800	0.35	0.35
1000	0.45	0.49
1250	0.56	0.60
1600	0.68	0.73
2000	0.80	0.86
2500	0.93	0.96
3150	0.99	0.99
4000	0.99	0.97
5000	0.95	0.92
6300	0.90	0.88

Frequency in Hz	Sound Absorption Coefficient as	
	1 Petac B	2 Petac BC - met coating
125	0.00	0.00
250	0.05	0.10
500	0.20	0.20
1000	0.45	0.50
2000	0.80	0.85
4000	1.00	0.95
σ_w	0.25 (H)	0.3 (H)