

Echosoft UV®

PRODUCT DESCRIPTION

Echosoft UV® sound absorbing panels are used to control problems with noise and sound in numerous inner and out-of-door surroundings. They can make music sound better, allow people to speak and hear better and give a safer work terrain.

PHYSICAL PROPERTIES

Name	Thickness (mm)	Width x Length (m)	Material
Echosoft UV®	Approx. 50mm	Up to 1.2m x 2.4m	Closed cell polyethylene foam

MEASURED VALUES

Frequency (Hz)	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	NRC	SAA
Echosoft 25mm	0.04	0.05	0.09	0.13	0.18	0.27	0.45	0.71	0.98	1.03	1.07	1.08	1	0.96	0.89	0.94	0.91	0.81	0.75	0.76
Echosoft 50mm	0.31	0.16	0.28	0.04	0.69	1.13	1.01	0.99	1.03	1.12	1.09	1.07	1.02	1.09	1.05	0.97	0.91	0.89	1	0.98

Frequency (Hz)	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	NRC	SAA
Echosoft 25mm	0.00	0.04	0.08	0.20	0.37	0.32	0.55	0.83	1.10	1.09	1.04	1.00	0.94	0.84	0.83	0.89	0.81	0.73	0.75	0.76
Echosoft 50mm	0.04	0.18	0.28	0.85	1.14	1.01	1.12	0.99	1.02	0.96	0.98	0.94	0.94	0.98	0.87	0.85	0.80	0.82	1	0.98

GENERAL PHYSICAL PROPERTIES

Echosoft UV®	
Tensile Strength	130
Density (kg/m ³)	30 kg/m ³
NRC (Noise Reduction Coefficient)	With a 25mm absorber: 0.75 With a 50mm absorber: 1.00
SAA	With a 25mm absorber: 0.76 With a 50mm absorber: 0.98

IN ACCORDANCE WITH THE FOLLOWING STANDARDS

- ASTM D3575-08 Suffix W ISO 845:2006
- ASTM D3575-08 Suffix D ISO 7214:2007
- ISO 3386 1986 part 1 DIN 53577
- ASTM D3575-08 Suffix B (50% Compression)
- ISO 1856:2000 (25% compression)
- BS 4443/1 Met.4
- DIN 4102
- ASTM D3575-08 Suffix V ISO 8301
- ASTM D3575-08 Suffix S ISO 2796

