

Terophon® sprayable sound-deadening compounds

Brand's name	Terophon		
Product description	Terophon are sprayable sound-deadening compounds, based on dispersions of synthetic resins, filled with mineralic substances, fibres and agents to enhance resistance against flammability. The products do not contain heavy metals, nor asbestos, halogenes or other hazardous substances. Terophon are used to control and dampen structure-borne sound, transmitted through and emitted by thin sheet-metal constructions (alu, steel, copper) or hard-plastic sheets.		
Direction for use	All products are ready for use, either hand applied with a spatula, or sprayed with an air-pressure pump and spray-pistol. However, other methods of applying, such as Airless-spraying, are also possible. Recommendations can be obtained.		
Types	110	112 DB	123 WF
	standard	non-flammable	high water-resistance
Color	Product cancelled won't be produced anymore	grey-beige	grey-beige
Type of solvent		water	water
Density wet state dry		1,4 g per cm ³ 1,2 g per cm ³	1,4 g per cm ³ 1,3 g per cm ³
Necessary consumption (wet state) to obtain a dry coating of 1 mm		1,4 kg per m ²	1,4 kg per m ²
Volume shrinking of applied material while drying		18 %	25 %
Drying time for an applied coating of 4 mm at +23°C / at +40°C		24 hs / 8 hs	20 hs / 9 hs
Flammability classification acc. to DIN 4102 part.1 acc. to DIN 5510 part.1		B 1 S 4	B 1 S 4
Heat resistance Short time <1h permanently >336h		+ 160° C + 120° C	+ 160° C + 120° C
Acoustic: (Sound-Intensity-) loss factor d (acc. to DIN 53440: coating of 2mm on steel-sheet 1 mm, 200Hz, betw.-10° and +40° C)		0,03 to 0,25	0,03 to 0,19
Recommended applying temperature		+10° C to +30° C	+10° C to +30° C
Recommendations for storage, shelf life		Temp. of +15° C to +25° C beware of freezing 9 months	Temp. of +15° C to +25° C beware of freezing 9 months
Packaging		Plastic pail of 40 kg Steel drum of 250 kg	Plastic pail of 35 kg Steel drum of 250 kg

CH-8355 Aadorf, July 2006



T +41 52 368 00 25 | F +41 52 368 00 21
info@perakustik.ch | www.perakustik.ch