

Cisilent Type L

Flexible mobile or permanent noise protection system

Product data

CHARACTERISTICS	STANDARD	
Material	Two-layered high-strength polyester fabric. Filled with fabric-reinforced polyester foam	
Length	Project-related dimensions	
Surface weight	$\approx 3 \text{ kg/m}^2$	
Element thickness	$\approx 1 \text{ cm}$	
Rated sound insulation level	$R_w(C; C_{tr}) = 20(-1; -2) \text{ dB}$	DIN ISO 10140-2
Fire behaviour	Top layer: B1	DIN 4201-1
	B-s2-d0	EN 13501-1
	Filling: unclassified	DIN 4102-1
Moisture behaviour	Water-repellent	

General information

Cisilent Type L is used to provide insulation from airborne sound. The elements are suitable as temporary or stationary noise protection walls outdoors, and also when used in enclosed spaces. The support structure is provided by the customer.

On scaffolding, Cisilent type L is used as temporary noise protection which also acts as a dust protection wall and sight screen. Assembly is carried out using buckle straps on the scaffolding poles or any other supporting structures. Both types of fastening can bear approx. 1 kN per attachment point.

Components

Closed top layer

The closed top layer consists of a stable, plastic-coated polyester fabric, therefore providing outstanding mechanical resilience. The coating on both sides provides protection from mechanical effects. In order to ensure that lasting protection is provided outdoors, the material contains fungicidal agents. The outer side is sealed with weldable fluoride varnish.

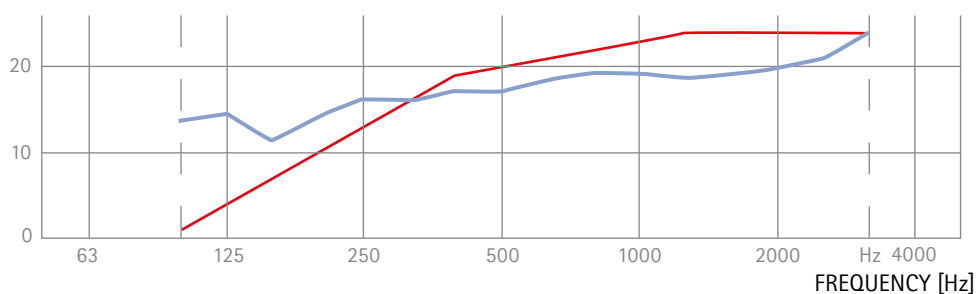
Sound insulation filling

The insulating material that is used has a high degree of mechanical strength, but is still lightweight and flexible. In conjunction with excellent UV protection, a long service life is guaranteed, even with long-term exposure to the weather.

Sound insulation (in accordance with DIN ISO 10140-2)

(Extract from TÜV NORD test report SEII/0049/17)

Frequency [Hz]	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150
R Third [dB]	13.7	14.5	11.3	14.3	16.2	16.0	17.1	17.1	18.5	19.2	19.2	18.7	19.1	19.8	21.0	24.0



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