



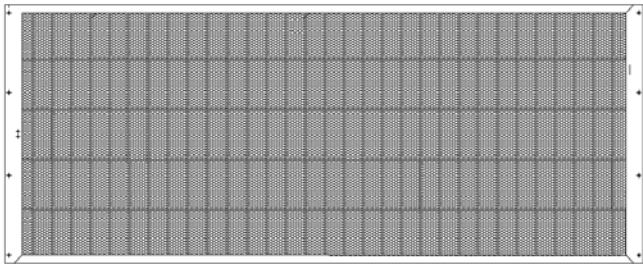
PRODUCT DATA SHEET

Noistop[®] Essential

Acoustic fence modules



Noistop[®] Essential



Material description

Acoustic fence modules made of hot-dipped galvanized steel, ROCKWOOL[®] stone wool acoustic material and black PE fabric.

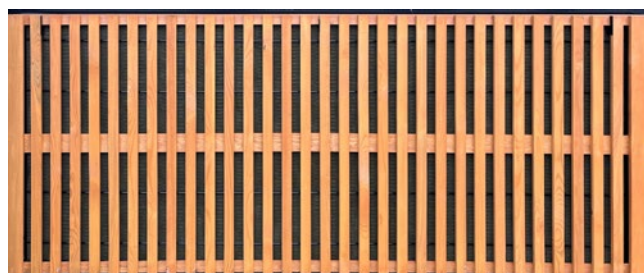
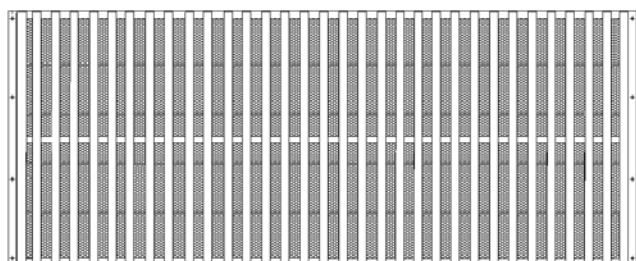
Module features

Features	Value
Galvanisation	Hot dip galvanized steel according EN ISO 1461:2011
Powder coating	Black RAL 9005, Anthracite RAL 7016
Sound insulation	DL _R 18 dB acc. DIN EN 1793-2 and RW 22 dB acc. ISO 717-1 (Class B2)
Sound absorption	DL _α , NRD 9 dB according to DIN EN 1793-1 (Class A3)
Wind load resistance	Tested to maximum load 0,83 kN/m ² according to EN1794-1
Durability	Typical service lifetime of +30 years

Product dimensions

Lenght [cm]	Height [cm]	Width [cm]	Weight per element [kg]	Elements per pallet (Bottom pallet)	Elements per pallet (Top pallet)
240	100 / 90 / 50	6	49 / 45 / 28	20 / 20 / 40	10 / 10 / 20
120	100 / 90 / 50	6	28 / 27 / 20	40 / 40 / 80	20 / 20 / 40
60	100 / 90 / 50	6	17 / 16 / 9	80 / 80 / 160	40 / 40 / 80

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Decorative wooden cladding

Features	Value
Wooden deco panel	1st Class European Pine Wood
Impregnation	User Class III according to EN 335:2013
Surface Finish	Natural and brown RAL 8003
Durability	Typical service lifetime of 10-15 years

Product dimensions

Lenght [cm]	Height [cm]	Width [cm]	Weight per element [kg]	Element per pallet
247	100 / 90 / 50	3,6	15 / 13,5 / 7,5	40 / 40 / 80
127	100 / 90 / 50	3,6	8 / 7 / 4	80 / 80 / 160
67	100 / 90 / 50	3,6	4,5 / 4 / 2,5	120 / 120 / 240

Durability

Please note that durability of the product strongly depends on the specific environmental characteristics in which the product is applied.

Storage condition advice

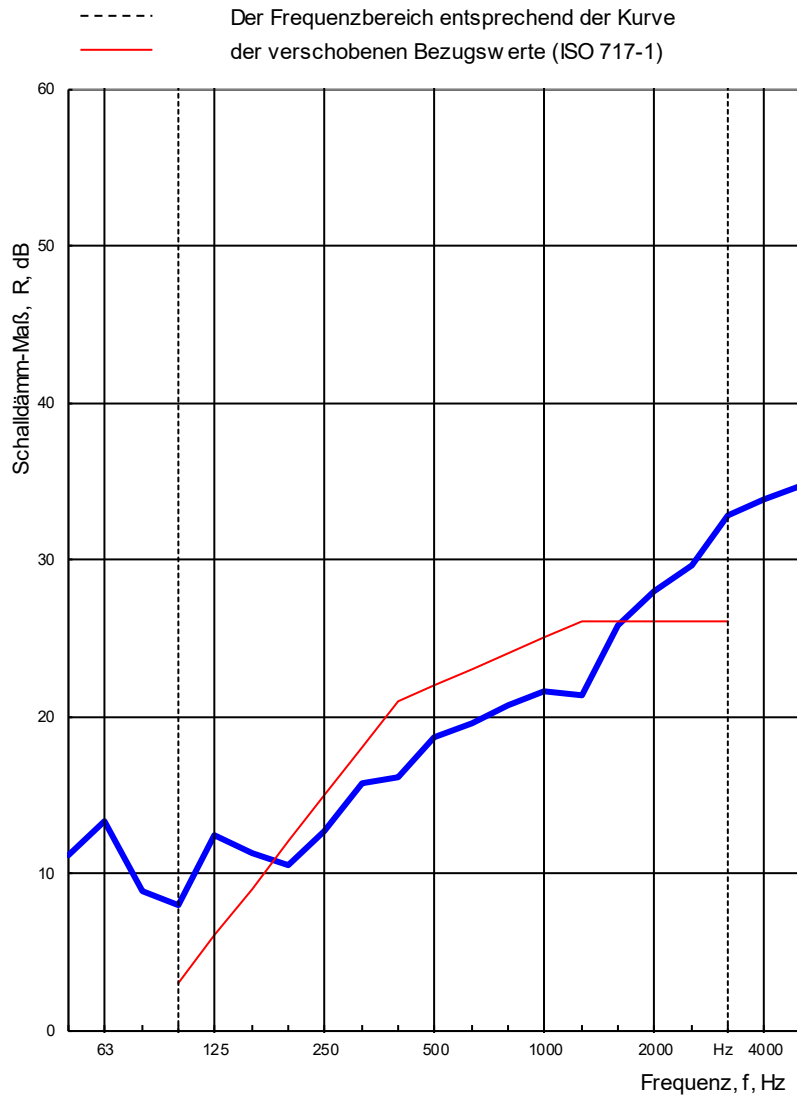
Preferably stored inside. If stored outside:

- Stack max. 2 pallets on each other.
- Remove plastic foil to prevent trapped humidity.
- Protect against high quantities of UV to prevent "natural ageing" of exposed products only, especially when stored for longer periods of time.
- Preferably cover the top of the product package to prevent unnecessary exposure to elements by roof or single cover.

Acoustic test results

The frequency range corresponding to the shifted reference curve (ISO 717-1).
Tested at TÜV Essen.

Bewertung nach ISO 717-1			
$R_w(C;C_{Tr}) = 22 (-1 ; -4) \text{ dB}$	$C_{50-3150} = -1 \text{ dB}$	$C_{50-5000} = 0 \text{ dB}$	$C_{100-5000} = -1 \text{ dB}$
	$C_{Tr,50-3150} = -4 \text{ dB}$	$C_{Tr,50-5000} = -4 \text{ dB}$	$C_{Tr,100-5000} = -5 \text{ dB}$
Die Ermittlung basiert auf Prüfstands-Messergebnissen, die in Terzbändern gewonnen wurden.			



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