



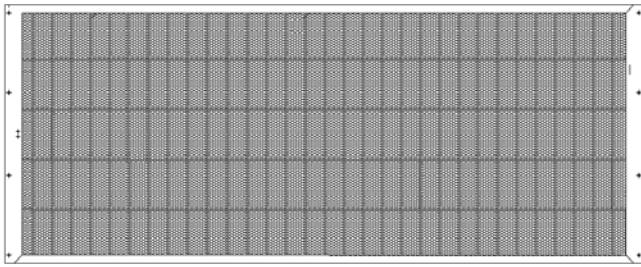
PRODUCT DATA SHEET

# Noistop<sup>®</sup> Essential

Acoustic fence modules



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## Material description

Acoustic fence modules made of hot-dipped galvanized steel, ROCKWOOL<sup>®</sup> stone wool acoustic material and black PE fabric.

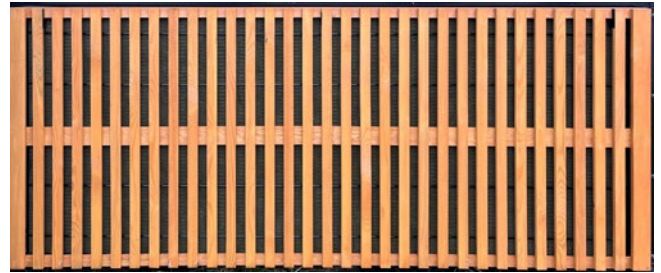
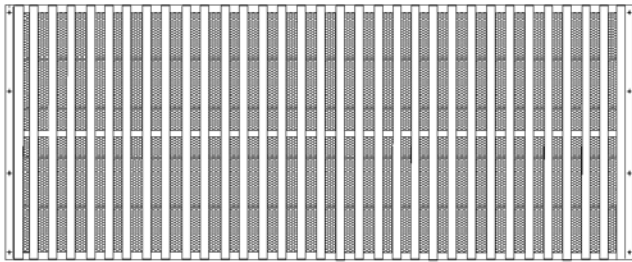
## Module features

Features	Value
<b>Galvanisation</b>	Hot dip galvanized steel according EN ISO 1461:2011
<b>Powder coating</b>	Black RAL 9005, Anthracite RAL 7016
<b>Sound insulation</b>	DLR 18 dB acc. DIN EN 1793-2 and RW 22 dB acc. ISO 717-1 (Class B2)
<b>Sound absorption</b>	DL <sub>α</sub> , NRD 9 dB according to DIN EN 1793-1 (Class A3)
<b>Wind load resistance</b>	Tested to maximum load 0,6 kN/m <sup>2</sup> according to EN1794-1
<b>Durability</b>	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

Length [cm]	Height [cm]	Width [cm]	Weight per element [kg]	Element per pallet
247	100 / 90 / 50	3,6	xx / xx / xx	xx / xx / xx
127	100 / 90 / 50	3,6	xx / xx / xx	xx / xx / xx
67	100 / 90 / 50	3,6	xx / xx / xx	xx / xx / xx

## Durability

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

## Storage condition advice

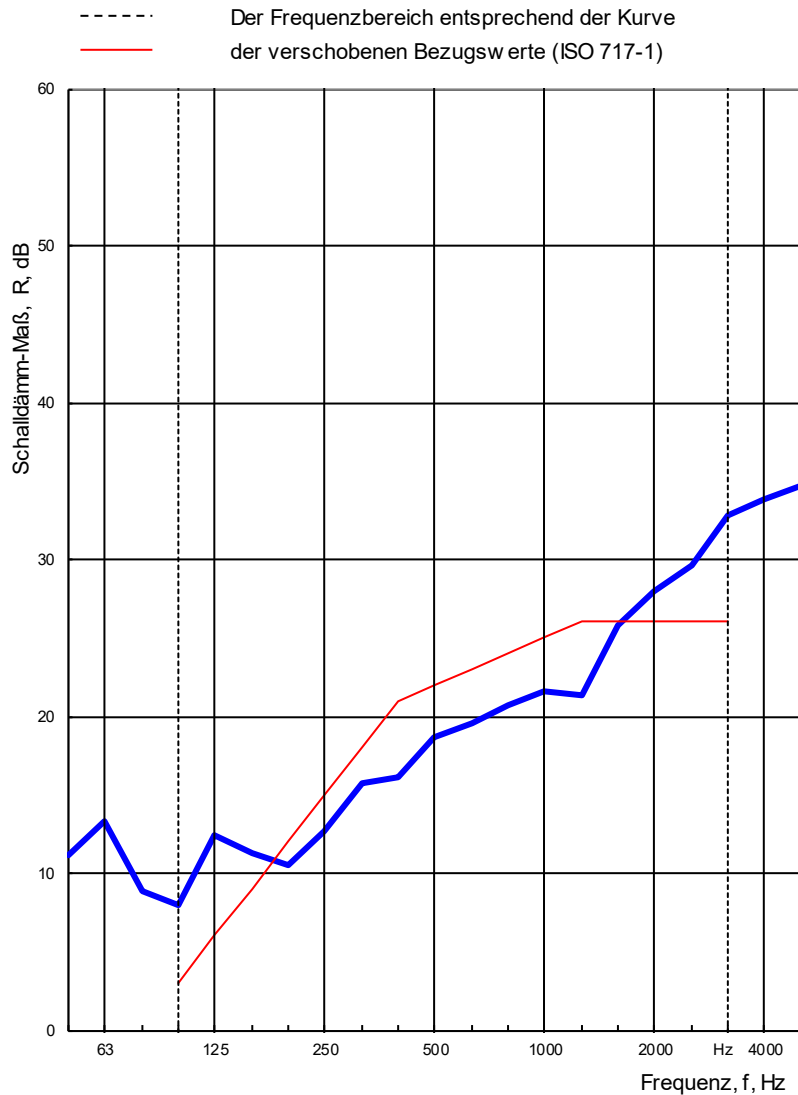
Preferably stored inside. If stored outside:

- 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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