

NOISE PROTECTION "GRÜNE WAND"



ALUMERO noise protection reduces noise pollution and increases your quality of life!

The "Grüne Wand" Weldon acoustic panel is manufactured with two galvanized steel frames made from 50 x 50 x 4 mm hot rolled angle profile fixed by steel connectors.

The stiff mesh with 150 x 150 mm eye made from straight rib rod is welded into the frame.

Looking from noise propagation side the panel contains mineral wool with proper thickness and density. Behind the wool the panel has additional two layers. Those layers consist from cement bonded, waterproofed wooden board and mineral wool as well. An external surface of mineral wool is protected by fleece material and two layers of PE mesh with proper colour.

Parameters

Thickness	130 mm or 145 mm
Standard module length	4000 mm
Module height	2000 mm
Acoustic isolation coefficient	Rw = 33 db, $\Delta L_R = 28$ db, class B3
Acoustic absorption	$\Delta La = 18$ db, class A4

Steel elements are fire galvanized.

R300 – wheel base max. 3000 mm

R400 – wheel base max. 4000 mm

R500 – wheel base max. 5000 mm

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