



Notified body nr 1020

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ALUMINIUM ACOUSTIC PANEL, ABSORBING ON ONE SIDE
TYP PA1P10

EN 14388:2005/AC:2008

— Road traffic noise reducing devices — Specifications

Acoustic panels for installation of free-standing noise barriers as a filling between the barrier's supporting columns. The panels prevent direct noise propagation in the air

Essential characteristics	Performance	Harmonized technical specification
1. Sound absorption	DLa = 17dB	EN 1793-1
2. Isolation from air sounds	DLR = 26 dB (Rw = 31 dB)	EN 1793-2
3. Maximum wind load and static load	3,8 kN/m ² for panel L=4,0m 2,3 kN/m ² for panel L=5,0m	EN 1794-1; Annex A
4. Deadweight in dry condition	11,20 kg/m ²	EN 1794-1; Annex B
5. Dynamic load during snow removal	10 kN / (2x2) for L=5m	EN 1794-1; Annex E
6. Resistance to stone impact	Requirement fulfilled	EN 1794-1; Annex C
7. Resistance to brush fire	Class 3	PN-EN 1794-3
8. Risk of falling parts	NPD	EN 1794-2; Annex B
9. Environment protection	100% recycling	EN 1794-2; Annex C
10. Escape route	Requirements fulfilled	EN 1794-2; Annex D
11. Transparency	NPD	EN 1794-2; Annex F
12. Change of sound absorption coefficient	DLa change after: 5 zm -1dB; 10 zm - 2dB; 15 zm -3dB; 20 zm - 4dB	EN 14389-1
13. Change of sound insulation coefficient	DLR change after: 5 zm -1dB; 10 zm - 2dB; 15 zm -3dB; 20 zm - 4dB	EN 14389-1
14. Stability of non-acoustic performance	Not less than 30 years	PN-EN ISO 9223:2012 PN-EN ISO 9227:2023-02

Date:

Signature: