



Notified body nr 1020

TECHNICKÝ ZKUSEBNÍ ÚSTAV STAVEBNÍ PRAHA, sp.  
TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ  
ITB ul. Filtrowa 1, 00 - 611 Warszawa  
Europejski dokument oceny : LZF01-00503/21/Z00NZF



**ZB ACOUSTIC GROUP s.r.o.**

tel. +420 596 831 988

fax. +420 596 831 190

[obchod@zbaoustic.cz](mailto:obchod@zbaoustic.cz)

[www.zbaoustic.cz](http://www.zbaoustic.cz)

ul. Václavovická 145, 739 34 Šenov, Czechy

ALUMINIUM ACOUSTIC PANEL, ABSORBING ON TWO SIDE  
TYP. PA2P08

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	$DL\alpha > 13$ dB	EN 1793-1
2. Isolation from air sounds	$DLR = 26$ dB ( $R_w = 31$ dB)	EN 1793-2
3. Maximum wind load and static load	5,50 kN/m <sup>2</sup> dla panelu L=4,0m 2,80 kN/m <sup>2</sup> dla panelu L=5,0m	EN 1794-1; Annex A
4. Deadweight in dry condition	16,94 kg/m <sup>2</sup>	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	$DL\alpha$ 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: