



Notified Body # 1020



Technický a zkušební ústav stavební Praha, s.p.,
Prosecka 811/76a, 190 000 Praga 9 – Prosek.

Report # 1020-CPR-040 048854

Manufacturer/Production plant:

World Acoustic Group S.A.

59-101 Polkowice, ul. Royal 1
Poland

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Product in compliance with requirements of norm.

EN 14388:2005/AC:2008

Norm title: Road anti-noise equipment. Specification.

- Description:** Acoustic panels designed to be mounted free-standing acoustic screens, as a filling between the columns supporting the screen. Panels prevent direct propagation in airborne noise.
- Trade name of product:** Acoustic panel one side absorbing **WNC B - WAG Noise Catcher type B**
- Major properties:**

	Property	Declared value	Harmonized specification
1.	Airborne sound absorption:	$DL_{\alpha}=14$ dB (category A4)	EN 1793-1
2.	Airborne sound insulation	$DL_R=28$ dB (category B3)	EN 1793-2
3.	Max. wind load and static load	1,95 kN/m ² (for length up to 4m) 1,65 kN/m ² (for length up to 5m)	EN 1794-1:2003, Att. A
4.	Dead weight when dry	12,36 kg/m ²	EN 1794-1: 2003 Att. B
5.	Dynamic load at plowing	15,0 kN/2mx2m (for length up to 5m)	EN 1794-1:2003 Att. E
6.	Resistance to a stone strike	Compliance with requirements	EN 1794-1:2003 Att. C
7.	Resistance to fire of bushes	Class 3	EN 1794-2:2003 Att. A
8.	Environmental protection	Recycling 100%	EN 1794-2:2003 Att. C
9.	Escape routes	Compliance with requirements	EN 1794-2:2003 Att. D
10.	Reflection of light	NPD	EN 1794-2:2003 Att. E
11.	Transparentness	NPD	EN 1794-2:2003 Att. F
12.	Durability of acoustic properties	- Changing the sound reflections DLRI after 5, 10, 15, 20 years: -1, -2, -3, -5 dB - Changing airborne sound insulation DL _{St} after 5, 10, 15, 20 years: -1, -2, -3, -4 dB	EN 14389-1
13.	Durability of non-acoustic properties	Not less than 15 lat	EN 14389-2:2004