

WE BUILD A BETTER WORLD

Barriers by the S3 expressway - Myślubórz - Gorzów section



Zittau and Hradek nad Nisou road link.



POLIMER ACOUSTIC SCREENS

ROYAL NOISE HUNTER - RNH
ROYAL NOISE REFLECTOR - RNR

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Panels properties comply with Technical Approval:

- Resistance to wind load - zone I and II according to PN-B-02011;
- Resistance to dynamic loads associated with snow clearance - max 50 km/h according to PN-EN 1794-1;
- Resistance to stone strokes - met according to PL-EN 1794-1;
- Resistance to UV rays - met;
- The panels are marked with the CE sign
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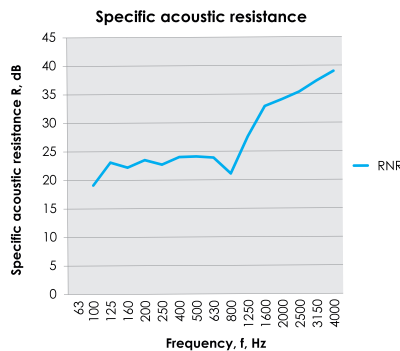
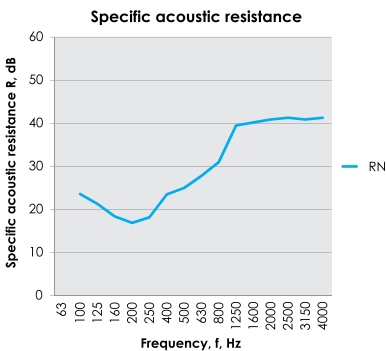
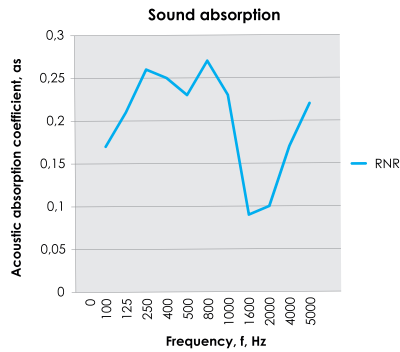
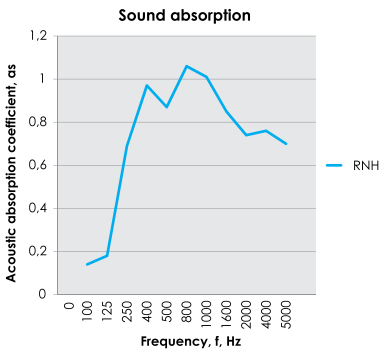
Cases are manufactured in the following dimensions:

- length up to 4960 mm
- height up to 333 mm and as a filling - 167 mm
- thickness 100 mm

The panels end with system gaskets fitting with various pole types (double-tee bars 140, 160 and 180).

RAB cases possess specifically shaped upper and lower surfaces allowing to easy installation into blade and gully, whereas their relatively light construction (around 16-32 kg/m²) enables the assembly with no heavy equipment.

Tested properties	Test results		NOTES
Specific acoustic resistance	Dlr	class	
RNH WAG	29	B3	mineral wool of 100 kg/m ³ density in the panel's front chambers
RNR WAG	25	B3	No mineral wool
Acoustic absorption coefficient	DLa	class	
RNH WAG	12	A4	mineral wool of 100 kg/m ³ density in the panel's front chambers
RNR WAG	2	A1	No mineral wool



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Polymer panels do not require maintenance and painting.

Graffiti can be easily removed from the panels' surfaces with the use of anti-graffiti agents available in the market.

In case of use of identical panels any additional costs protecting against graffiti are not incurred.

The panels are in-mass colored in the extrusion process according to the manufacturer's palette.

