

WE BUILD A BETTER WORLD



# ROYAL NOISE REFLECTOR

PANEL MANUFACTURED  
WITH THE USE OF RAB2 TECHNOLOGY

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Panels properties comply with Technical Approval n° AT/2008-03-2344/2:

- Resistance to wind load - zone I and II according to PN-B-02011; TA p. 3.3
- Resistance to dynamic loads associated with snow clearance - max 50 km/h according to PN-EN 1794-1; TA p. 3.3
- Resistance to stone strokes - met according to PL-EN 1794-1; TA p.4, tab. 2, p. 34
- Resistance to UV rays - met; TA p. 4, tab. 2, p. 8
- The panels are marked with the CE sign

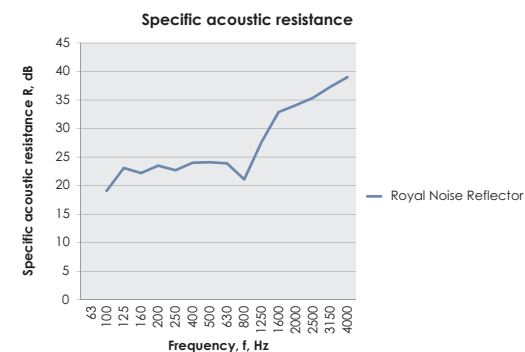
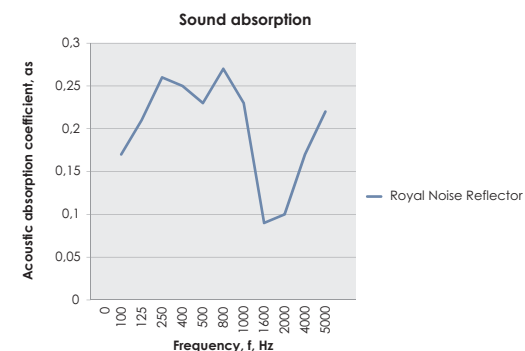
Cases are manufactured in the following dimensions:

- 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 g/m<sup>2</sup>) enables the assembly with no heavy equipment.

Tested properties	Test results			NOTES
Specific acoustic resistance	Rw (C, Ctr)	DLr	class	No mineral wool
Royal Noise Reflector	27 (-1, -3)	25	B3	
Acoustic absorption coefficient		DLa	class	No mineral wool
Royal Noise Reflector		1	A1	



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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.

Beige (B)

Green (G)

Sterling (St)

Sunflower (S)

Blue Gray (GY)

Wicker (W)



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Zittau and Hradek nad Nisou road link.



Working plans and specifications of acoustic baffle and its construction within GPO Zopowy station (parcel n° 34/9, ul. Polna, Głubczyce).

Zittau and Hradek nad Nisou road link.