

WE BUILD A BETTER WORLD



ACCESSORIES

ROYAL DIFFUSER
ROYAL FRAME SYSTEM
ROYAL PILLAR SHIELD

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ROYAL DIFFUSER

An octagonal noise diffuser Royal Diffuser is used as a finial of upper edges of noise barriers and is often employed to absorb diffracted sound waves. The use of the diffractor enables in some situations to lower a projected barrier's height or to increase the efficiency of an existing barrier.

Royal Diffuser allows to increase screening capability from 2 dB to 3,5 dB, depending on noise frequency and placement of a barrier.

Dimensions:

- length up to 5000 mm
- height up to 435 mm
- thickness up to 435 mm

Sound pressure levels differences in octave frequency bands						The average value	The balanced value
125	250	500	1000	2000	4000		
3,1	5,5	3,1	6,5	2,5	0,5	3,5	3,8

Blue Gray (GY)

Wicker (W)

Sterling (St)

Sunflower (S)

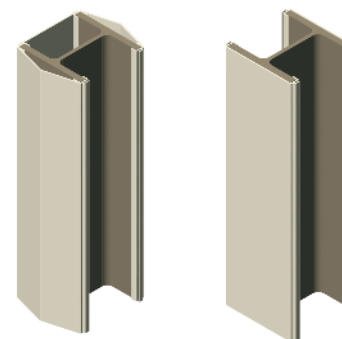
Beige (B)

Green (G)

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ROYAL PILLAR SHIELD

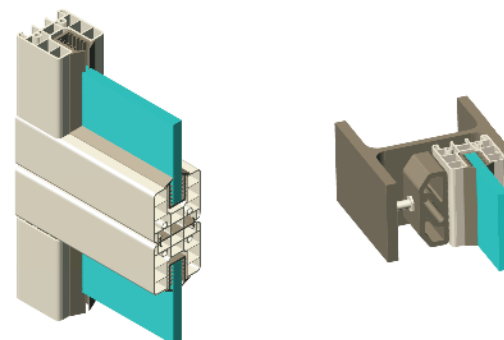
Construction material	PCV
Element thickness (mm)	2,5
Element length (mm)	up to 6
Element properties	in compliance with HEB and HEA140 poles
Additional information	Royal Pillar Shield ensures esthetic appearance of acoustic barriers, eliminating at the same time the necessity of covering steel poles with paint coatings.



ROYAL FRAME SYSTEM

System designed for transparent noise barriers assembly, acting as a filling element in sound-proof barriers. The frame and assembly block, made of thermoplastic PVC, need no maintenance and painting.

The system ensures maximum stability along with minimum weight. The U-profile is used as an element of the frame filled with transparent sheet. The whole structure is put into empty spaces between supporting columns of the barrier and stabilized with the use of the assembly blocks.



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Lubin, Hutnicza Street

