

Data sheet:
Individual roof lights and prefabricated accessories
for roofing - of plastics

Type: BG-VDxx

9. Declared performance:				
Essential characteristics		Performance		
Light transmittance	Acrylic (pmma)		Polycarbonate (pc)	
	L.T.A.	Z.T.A.	L.T.A.	Z.T.A.
Single layer clear	92	85	92	82
Single layer opal	85	78	50	62
Double layer clear/clear	85	78	85	74
Double layer opal/clear	78	66	46	52
Double layer heatstop/clear	47	32		
Three double layer clear/clear/clear	78	67	78	65
Three double layer opal/clear/clear	72	62	42	50
ISO rooflight opal/clear/opal	67	58		
Thermal transmittance (NEN-EN-ISO 10211)			U-value	
Single layer rooflight			5,60	
Double layer rooflight			2,98	
Three double layer rooflight			1,90	
ISO rooflight			1,35	
AVP upstand			2,56	
Polyester upstand H15			2,23	
Polyester upstand E15			1,31	
Stained-glass window with single layer rooflight			0,93	
Stained-glass window with double layer rooflight			0,81	
Stained-glass window with three double layer rooflight			0,71	
Stained-glass window with ISO rooflight			0,61	
(U-value per size/implementation available on request)				
Airborne sound insulation (dB reduction) NEN-EN-ISO 140-3			dB	
Single layer rooflight with upstand			20	
Double layer rooflight with upstand			22	
Three double layer rooflight with upstand			24	
ISO rooflight with upstand			23	
Single layer rooflight with ventilation upstand			20	
Double layer rooflight with ventilation upstand			21	
Three double layer rooflight with ventilation upstand			23	
ISO rooflight with ventilation upstand			22	
Stained-glass window with single layer rooflight			36	
Stained-glass window with double layer rooflight			37	