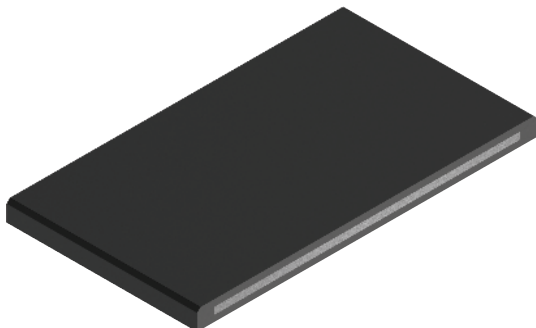


Roto Glas-Tec | GL-UKS

Product data sheet



Description	GL-UKS
Dimensions	See Roto Fix&Glazing catalogue (CTL_15)
Application	Glazing block for glazing of windows and doors
Application area	Heavy-duty glazing and protruding substructures
Raw material	Elastomers / stainless steel

Material properties

	Elastomers	Stainless steel	Test procedure
Modulus of elasticity	–	215,000 MPa	ISO 178
Density	0.97 g/cm ³	7.85 g/cm ³	ISO 1183
Hardness	67 MPa	229 MPa	ISO 48 / Brinell hardness
	92 Shore A	–	ISO 868
Tensile strength type 2	16.6 MPa	–	ISO 37
Min. temperature	-30 °C	–	–
Max. temperature	+100 °C	–	–
Compressive load	62 MPa	–	ISO 2039-1
Thermal conductivity λ	–	25 W/mK	ISO 22007
Halogen-free	Yes	Yes	–
Toxicity in fires	Formation of CO / CO ₂ is very likely	–	–
Fire behaviour	HB	–	UL 94
UV resistance	Yes	–	–
Construction material class	Class B 3	–	DIN 4102-1

Product characteristics

		Test procedure
Breaking load / pressure deformation behaviour	1806 kg (-20 °C)	ift Rosenheim
	890 kg (+23 °C)	
	902 kg (+80 °C)	
Material compatibility	Tested edge composite materials available upon request	ift guideline VE-05/01

Additional information

		Associated documents
REACH	Compliant	Available upon request