

Product Description :

Silirub Color is a high-quality neutral cure elastical one-component joint sealant based on silicones. It has especially been developed for colour matched sealings based on the RAL System colours.

Characteristics :

- very easy application
- permanent colours, UV-resistant,
- stays permanently elastic after curing
- available in a wide range of RAL System colours
- very good adhesion on many materials
- low modulus
- high gloss finish

Applications :

- all building- and construction joints which require a colour matched sealant
- all glazing works on powdercoated aluminium, PVC, painted wood
- topsealing at glazing jobs on powdercoated aluminium, PVC, painted wood, etc
- joints with high movement between different building materials
- sealings between painted wood, PVC, powdercoated aluminium, etc and brickwork, concrete, etc.

Packaging and Colours :

Colours :	RAL 1013 – Oyster White
	RAL 1015 – Light Ivory
	RAL 3005 – Wine Red
	RAL 5011 – Steel Blue
	RAL 6009 – Fir Green
	RAL 7016 – Anthracite
	RAL 9001 – Cream
	RAL 9006 – White Aluminium
	Other colours on demand
Packaging :	cartridges of 310 ml

Shelflife :

1 year in unopened packaging in a cool and dry storage place at temperatures between + 5°C and +Color5°C

Technical Data :

Base :	Polysiloxane
Consistency :	stable paste
Curing System :	Moisture Cure
Skinning time :	ca 5 minutes (20°C/65 R.H)
Curing time :	ca 2mm/24 hours (20°C/65 % RH)
Hardness :	22 +/- 5 Shore A
Shrinkage :	none
Specific Gravity :	ca. 1.03
Temperature Resistance :	-60°C until +180°C
Elastical Recovery :	> 80%
Elongation at Break :	800 % (DIN 53504)
Elasticity Modulus 100% :	0.33 N/mm ² (DIN 53504)
Maximum deformation :	25 % +/- (overall movement 50%)
Maximum tension :	1.20 N/MM ² (DIN 53504)

Surfaces :

Substrate :	all usual building surfaces except PE, PP
State of Surface :	clean, dry, free of grease
Preparation :	

To ensure optimal results, Soudal recommends a compatability test between Silirub Color and the surface.

Joint Size :

Minimum Width :	5 mm
Maximum Width :	30 mm
Minimum Depth :	5 mm
Recommandation :	2 x depth = width

Application :

Application Method :	caulking gun (hand or pneumatic)
Application Temperature:	+1°C - +30°C
Clean with :	White Spirit immediatly after application
Finish with :	Soapy water before skinning
Repare with :	Silirub Color

Transport Information :

Silirub Color is considered non-hazardous for all means of transport.

Labelling :

No hazardous labelling required.

Safety Measures :

Apply the usual hygienic measures

Remarks :

Chemically completely neutral (pH = 7)

Technical Norms / Conforms with :

- France : "Mastic Elastomère 1ère cat. sans primaire sur verre, alu et béton (label SNJF)
- Germany : DIN 18540 Teil Color - DIN 18545 Teil 2 Dichtstoffgruppe E
- United Kingdom : BS 5889 Type A

Remark : The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.