

## TECHNICAL DATA SHEET

### ZWALUW HYBRISEAL-2PS

A paintable, one component sealant based on MS Polymer which cures with atmospheric moisture to form a durable rubber seal. It is almost odourless and free of isocyanates, silicones and solvents. Conforms to ISO 11600 G25 HM.

#### USES

For use in glazing systems and cap beading. Is suitable for use with self cleaning glass. Can be used without primer to seal assemblies of glass, glazed surfaces, porcelain coated metal, anodised aluminium, finished wood and some plastics.

**COLOUR:** White, Grey, Brown, Black and Clear  
(Clear is not suitable for self cleaning glass applications)

**PACKING:** 290ml cartridge packed 1 x 12

#### PREPARATION

All surfaces should be clean and dust free.

#### APPLICATION

Cut the cartridge seal and screw on the nozzle which should be cut to your required size. Using a skeleton gun, apply the sealant into the gap or joint ensuring a good solid fill. If required place masking tape along edges, removing within 10 minutes of application.

#### FINISHING

Always tool using a spatula or stick wetted with neutral soapy water within 10 minutes of application. It is the user's responsibility to dispose of all packaging correctly.

#### HEALTH AND SAFETY

Dispose of empty packaging correctly. Safety data sheet available for professional user on request.

## ZWALUW HYBRISEAL-2PS TECHNICAL DATA SHEET CONTINUED

### LIMITATIONS

Among others not recommended for locations subject to continuous water emersion and not for PE, PP, Teflon, Neoprene and bituminous surfaces. *Clear* Hybriseal-2PS is *not* suitable for use with self cleaning glass. Not paintable with high solid paints. On porous substrates a primer is recommended. It is the users responsibility to determine suitability. Adhesion and paintability tests prior to application are recommended.

TECHNICAL DATA	DIMENSION	ZWALUW HYBRISEAL-2PS COLOURS	ZWALUW HYBRISEAL-2PS CLEAR
Basis		MS Polymer	MS Polymer
Application temperature	°C	+5/ +40	+5/ +40
Flow ISO 7390	mm	<2	<2
Density	g/ml	1,50	1,01
Skin over time 23°C/55%RF	min	5 – 10	5 – 10
Frost resistant till -15°C during transport		yes	yes
Shelf life stored between +5°C / +25°C	months	12	12
Paintable after curing		yes	yes
Joint movement capability	%	± 25	± 25
Temperature resistance after curing	°C	-40/ +90	-40/ +90
<b>Mechanical properties</b>			
<b>2mm film</b>			
Shore-A hardness (3 s) DIN 53505		30	22
100% modulus DIN 53504	Mpa (N/mm <sup>2</sup> )	0,65	0,47
Tensile strength DIN 53504	Mpa (N/mm <sup>2</sup> )	1,15	1,80
Elongation at break DIN 53504	%	300	400
Minimum joint width		4mm	4mm
Maximum joint width		25mm	25mm

### LIABILITY

The information given is the result of our tests and experience and is believed to be accurate and reliable. However, as Siroflex Limited cannot know all the uses its products may be put to, and as application methods are out of our control it is the users responsibility to determine suitability of use.

### QUANTITY ESTIMATOR

Width x depth of joint x length (in linear metres) of joint, divide this by the volume of tube in ml = number of cartridges required.

Full health and safety data information can be downloaded from [www.siroflex.co.uk](http://www.siroflex.co.uk)