



## Weicon Flex 310 M Liquid MS Polymer

Weicon Flex 310 M Liquid is a self-levelling, MS Polymer produced for casting and coating and is suitable for the adhesion and sealing of different materials such as metals, plastics, ceramics, wood, glass, stone, as well as for insulation and impregnation applications. It is weather and UV resistant, has excellent anti-aging properties and is free of silicone. This grade of MS Polymer is permanently elastic and can be painted over when fully cured. It can be used in a range of applications in the insulation, electronics, and electrical industries.

### Technical Data:

Property:	Typical Value:
Base	MS Polymer
Density	1.48 g/cm <sup>3</sup>
Consistency	Liquid, Self-Leveling
Processing temperature	+5 to 40°C
Cure Type	By humidity
Curing Conditions	+5 to 40°C, 30% to 95%, RH
Skin-overtime*	40 mins
Curing speed, first 24h	2 – 3mm
Volume change, DIN 52451	-9%
Gap filling up to max.	0.5mm
Gap width up to max.	25mm
Hardness, DIN 5355, ASTM D224	43 Shore A ±5
Elongation at break, DIN 53504, ASTM D2240	400%
Tensile strength of pure adhesive and sealant	2.2 N/mm <sup>2</sup>
Ave tensile shear strength, DIN EN 1465, ASTM D12	1.8 N/mm <sup>2</sup>
Tear strength, DIN 53515, ASTM D1002	11 N/mm <sup>2</sup>
Movement capacity max.	10%
Over paintable (liquid paint)	Yes, after complete curing
Building Material Category, DIN 412	B 2
Specific Forward Resistance	1.1 x 10 <sup>12</sup> Ohm/cm
Temperature Range	-40 to 90°C, up to 120°C briefly

\* Measured at 23°C, 50% relative humidity.

### Surface Pre-treatment:

Surfaces must be clean of oil, dust, and dirt before application. These can be removed with Weicon Surface Cleaner. For heavily soiled metal surfaces, Weicon Cleaner S Spray can be used while Weicon Sealant and Adhesive Remover is suitable for removing old paint or adhesive residues. Most materials can be bonded well to themselves and among each other. For certain materials or extreme requirements, we recommend the use of an adhesion agent primer. A mechanical surface pre-treatment, e.g. sanding, sandblasting, grinding, can also approve adhesion. Please contact AG for more information on suitable primers and material compatibility.

**Visit: [www.agaus.com.au](http://www.agaus.com.au)**

**Phone: 1300 098 060**

#### Important

This information should not be treated as a substitute for specific technical advice. AG does not offer such advice and cannot warrant the performance or suitability of products for particular applications.



## Adhesives & Sealants

# Weicon Flex 310 M Liquid MS Polymer



### Availability:

Weicon Flex 310 M Liquid MS Polymer is available in 310ml cartridges.

Other grades are also available.

Shelf life of 12 months when stored unopened at 23°C, 50% R.H.

Safety Data Sheets are available on request.



Associated Gaskets also stock a large range of thermal insulation as well as specialised sealing and electrical products. For more information on these products and many more, please visit our website or call your nearest AG branch.

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