



## Weicon Flex 310 M 2K MS Polymer

Weicon Flex 310 M 2K is a 2 part adhesive sealant that is based on a hybrid polymer which enables the full surface bonding of larger parts and can be used to fill gaps of up to 10mm. It is non-corrosive and suitable for the bonding of a range of materials such as metal and many types of plastic. This grade of MS Polymer is sandable, is resistant to ageing and weathering and is over paintable (wet in wet). It contains no silicone, isocyanate, or solvents and can be used for domestic, industrial, commercial, and marine applications where a very strong, fast curing adhesive sealant is of benefit.

### Technical Data:

Property:	Typical Value:
Base	2K Hybrid Polymer
Colour	Grey
Density	1.4 g/cm <sup>3</sup>
Consistency	Solid Paste
Processing temperature	+5 to 35°C
Cure Type	Chemical Polymerisation
Pot Life at 23°C, 50% RH	10 mins
Set to load bearing	60 mins
Volume change, DIN 52451	1%
Gap filling up to max.	10mm
Hardness, DIN 5355, ASTM D224	40 Shore A ±5
Elongation at break, DIN 53504, ASTM D2240	350% ±5
Tensile strength of pure adhesive and sealant	2.2 N/mm <sup>2</sup>
Ave tensile shear strength, DIN EN 1465, ASTM D12	1.3 N/mm <sup>2</sup>
Building Material Category, DIN 412	B 2
Temperature Range	-40 to 90°C

### 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.

### Processing:

The special coax cartridge with the included static mixer can be used with a commercial cartridge gun. We recommend the use of the Weicon Cartridge Gun "Special", Part. No. 13250002. Discard the first 5 - 8 cm of the dosed bead. Apply the adhesive to only one of the surfaces to be bonded.

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**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.

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### Availability:

Weicon Flex 310 M 2K MS Polymer is available in grey and in 250ml cartridges. Other grades are also available. Shelf life of 12 months when stored unopened at 23°C, 50% relative humidity. 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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