



Weicon Flex+Bond MS Polymer



Weicon Flex+Bond is an MS Polymer adhesive that is resistant to weathering and ageing, salt water, and is temperature-resistant up to 90°C. This grade of adhesive is strong, permanently elastic, sandable, and is over-paintable (wet on wet). It adheres well to steel, aluminium, glass, plastics, and many other materials. It is also free of silicone, isocyanate, halogens, and solvents. Flex+Bond can be used in a wide range of domestic, industrial, and commercial applications and where a strong, yet elastic bond is desirable. It is LFGB certified, and ISEGA approved for use as an adhesive in foodstuff technology.

Technical Data:

Property:	Typical Value:
Base	1 C.-Polyoxypropylener
Density	1.44 g/cm ³
Consistency	Pasty
Stability/Run-off, ASTM D 222	1mm
Processing temperature	+5 to 40°C
Cure Type	By humidity
Curing Conditions	+5 to 40°C, 30% to 95%, RH
Skin-overtime ¹	25 mins
Curing speed, first 24h	2 – 3mm
Volume change, DIN 52451	-1%
Gap filling up to max.	5mm
Gap width up to max.	25mm
Hardness, DIN 5355, ASTM D224	42 Shore A ±5
Elongation at break, DIN 53504, ASTM D2240	650%
Tensile strength of pure adhesive and sealant	3.3 N/mm ²
Ave tensile shear strength, DIN EN 1465, ASTM D12	2.1 N/mm ²
Tear strength, DIN 53515, ASTM D1002	20 N/mm ²
Movement capacity max.	15%
Over paintable (liquid paint) ²	Yes
Building Material Category, DIN 412	B 2
IMPA-Code	81 52 87
Temperature Range	-40 to 90°C

1. Measured at 23°C, 50% relative humidity. 2. "wet in wet", within 3 hours after material application.

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

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+Bond MS Polymer



Quality
ISO 9001

Availability:

Weicon Flex+Bond MS Polymer is available in white, grey, black, and transparent and stocked in 85ml squeeze tubes.

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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