

Flex 310 M[®] 2 K *New*

**fast-curing, elastic, strong,
overpaintable, isocyanate and solvent-free**

Fast-curing, elastic two-component adhesive and sealant on a hybrid polymer basis. Especially suitable for structural and permanently elastic bonding in industrial manufacture and assembly.

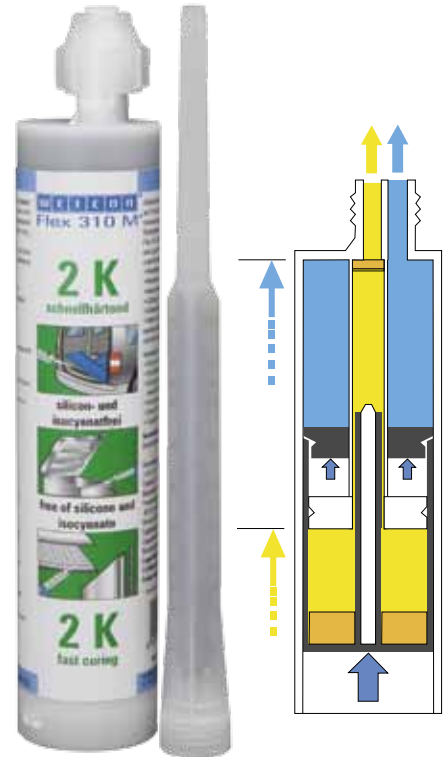
The two-component system also enables surface-to-surface bonding of bigger parts and fills gaps up to max. 10 mm. Due to its pre-defined and process-safe curing system, WEICON Flex 310 M 2 K is ideal for series production.

WEICON Flex 310 M 2 K adheres even without primer on almost all materials, e.g. metals, plastics and many others.

Applications:

- Metalworking, tank and apparatus construction
- Machine and plant construction
- Furniture industry
- Ventilation and air conditioning
- Electrical industry
- Yacht and ship building and in many areas of plastic technology
- Car body, vehicle, and freight container construction

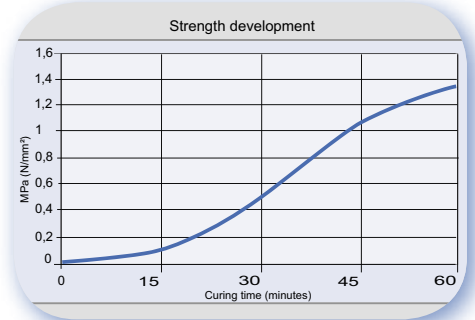
WEICON Flex 310 M 2 K is free of solvents, isocyanate or substances that hinder the coating of lacquer (e.g. silicone).



WEICON Flex 310 M [®] 2 K fast-curing in non-cured condition		
Chemical basis	2-K-hybrid polymer	
Density g/cm ³ (DIN 53504)	1,40	
Viscosity	solid paste	
Mixing ratio (volume)	1 : 1	
Processing temperature	+5°C (+41°F) to +35°C (+95°F)	
Cure type	chemical polymerisation	
Pot life*1	approx. 5 minutes	
Final hardness*1	approx. 60 minutes	
Volume change (DIN 52451)*1	approx. -1 %	
Gap filling	1,0 mm to max 10,0 mm	
WEICON Flex 310 M [®] 2 K fast-curing in cured condition		
Shore-A-Hardness (DIN 53505 / ASTM D 2240) +/- 5	40	
Elongation to break % (DIN 53504 / ASTM D 412)	350	
Tensile strength of the pure adhesive/sealant (DIN 53504 / ASTM D 412)	2,2 N/mm ²	
Average tensile shear strength*2 (DIN 51504)	1,3 N/mm ²	
Fungicide	No	
Temperature resistance	-40°C (-40°F) to +90°C (+194°F)	
36 months outdoor exposure test	UV resistance	good
	Discolouring	slight
	Crack formation	none
	Dust absorption	slight
Building material category	B 2 (Normally inflammable)	

*1 Standard climate: +23°C and 50% relative air humidity according to DIN 50014
 *2 Material combination aluminium/aluminium, cleaned and degreased with Cleaner S, 1 mm layer thickness, 10 mm per minute tearing speed. The special coax cartridge can be processed with standard cartridge guns. We recommend to use the WEICON Cartridge Gun "Special", Art.-No.: 13250002.

Packaging:
 Coax-cartridge 250 ml Art.-No.: 13305250
 Special Mixing Nozzle Art.-No.: 13309997



Distributed by:

WEICON GmbH & Co. KG
 (Headquarter)
 Königsberger Str. 255 · DE-48157 Münster
 P.O. Box 84 60 · DE-48045 Münster
 Germany
 Tel. +49 (0) 251 / 93 22-0
 Fax +49 (0) 251 / 93 22-244
 Fax +49 (0) 251 / 93 22-233 Export
 www.weicon.de · info@weicon.de

WEICON Middle East L.L.C.
 Jebel Ali Ind Area 3 · P.O. Box 118 216
 Dubai · U.A.E
 Phone +971 4 880 25 05
 Fax +971 4 880 25 09
 Mobile +971 50 545 99 83
 www.weicon.ae · info@weicon.ae

WEICON Inc.
 20 Steckle Place · Unit 20
 Kitchener · Ontario · N2E 2C3
 Canada
 Phone +1 519 896 5252
 Fax +1 519 896 5254
 Cell +1 519 590 5168
 www.weicon.ca · info@weicon.ca

WEICON Kimya Sanayi Tic. Ltd. Şti.
 İstanbul Dünya Ticaret Merkezi EGS
 Business Park Blokları B1 Blok,
 Kat 14, No 440
 34149 Bakırköy / Yeşilköy Mahallesi
 Turkey
 Tel.: +90 212 465 33 20
 Faks: +90 212 465 33 22
 www.weicon.biz.tr · info@weicon.biz.tr