

WEICONLOCK® AN 305-42 Hydraulic and Pneumatic Sealing



Hydraulic and pneumatic sealing | DVGW approval

- medium viscosity
- medium strength
- disassembly with normal tools

Technical Data

Colour	brown	
Fluorescent	yes	
For thread connections up to	M 20 R ¾"	
Viscosity	500 nt mPa·s	
Gap bridging up to max.	0,15 mm	
Breakaway torque	12 - 15 Nm	
Prevail torque	18 - 22 Nm	
Shear strength Nmm² (DIN 54452)	8 - 12 N/mm²	
Handling strength	10 - 20 min.	
Final strength (100 % strength)	2-4 h	
Temperature resistance	-60°C to +150°C	
Minimum shelf life	at room temperature	24 mon.
Compressive strength (free cutting steel / grub screw = 8.8)		
M 3x6	max.	1500 bar
M 4x6	max.	1500 bar
M 5x8	max.	1500 bar
M 6x10	max.	1200 bar
M 8x12	max.	800 bar
M 10x16	max.	700 bar

Approvals / Guidelines

ISSA Code	75.628.10/11/12	
IMPA Code	812918/19/20	
MIL-Spec	complies with	MIL-T-83523

Note

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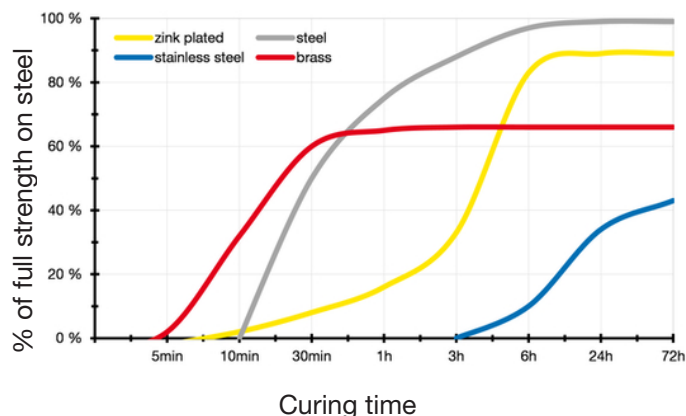
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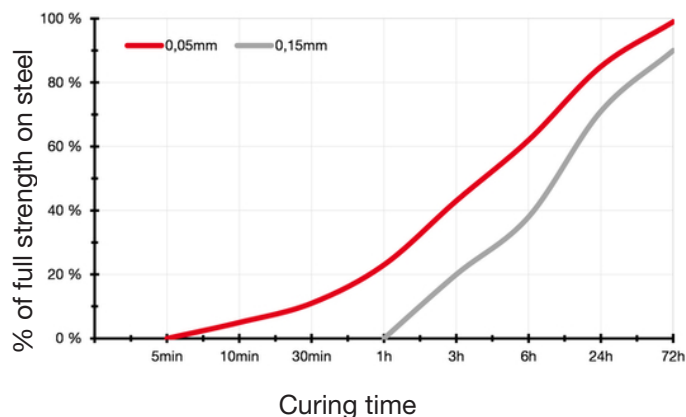
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Pipe and thread sealant

Reaction rate of various materials



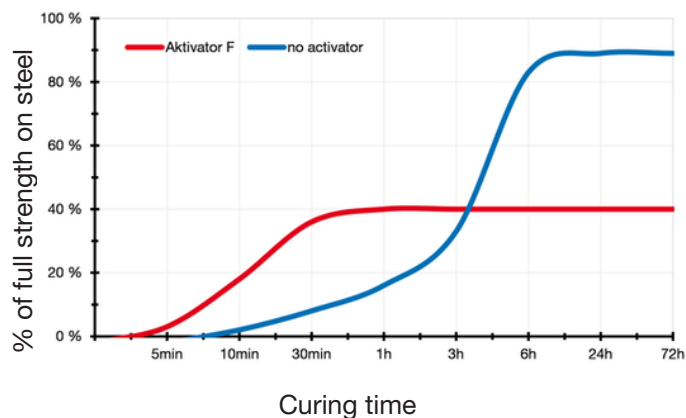
Reaction rate at different gaps



Surface Pre-Treatment

To achieve optimum results, the mounting parts should be degreased and cleaned, e.g. with WEICON Surface (roughen the surfaces, if required). WEICONLOCK can also be used on uncleaned surfaces, e.g. screws as delivered. However, the cleaner the surface, the better the results achieved.

Reaction with activator F

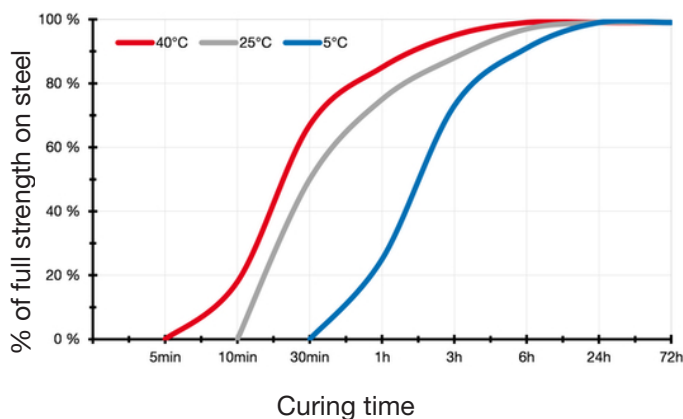


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Application

WEICONLOCK is applied evenly straight from the Pen with the help of the dosing tip; avoid direct contact between dosing tip/metal. Apply WEICONLOCK to the thread in circles. Screw the pipe thread together and tighten it to the desired alignment. When used as flange sealing, apply a continuous bead to one flange side, then assemble parts quickly and screw tight. Do not pour any WEICONLOCK back into the bottle that has already come into contact with metal. Even extremely small metal particles cause the adhesive to cure inside the bottle. Therefore, in serial production, the use of dosing devices is recommended.

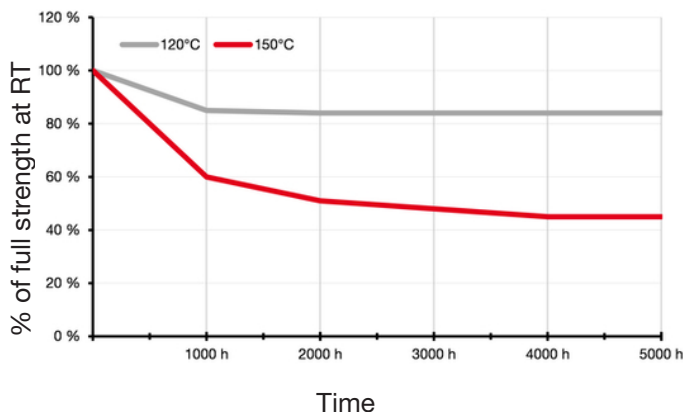
Reaction rate of various materials



Storage

Store WEICONLOCK in the unopened original container at room temperature. Avoid sources of heat and direct sunlight. The air inside the packaging helps maintain storage stability.

Heat aging

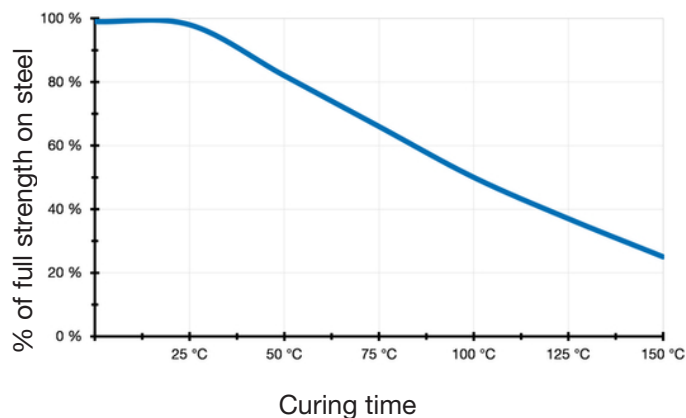


Pipe and thread sealant

Instructions for use

When using WEICON products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

Reaction speed at temp.



Accessories

- 10021433 Activator F, 200 ml, green
- 10001256 Dosing Tip, 1 PCE

Available sizes

- 10016437 WEICONLOCK® AN 305-42 Hydraulic and Pneumatic Sealing, 20 ml, brown
- 10017877 WEICONLOCK® AN 305-42 Hydraulic and Pneumatic Sealing, 50 ml, brown
- 10020001 WEICONLOCK® AN 305-42 Hydraulic and Pneumatic Sealing, 200 ml, brown

To the product detail page:



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