

Sealers and Impregnators

WEICON S 120G



fast-curing | low viscosity | wide range of applications

WEICON S 120G is a ready-to-use, liquid impregnation agent with a fast curing time and low viscosity. Due to its capillary action, it penetrates into pores easily and seals them permanently elastic. The impregnating agent reliably seals the surfaces against gases and liquids and provides good corrosion protection. S 120G has a high adhesive strength and can be used on metals and many plastics. It has a temperature resistance up to +120 °C and contains solvents.

Charakteristik

Colour after curing	colourless	
Specific properties	for sensitive areas	
Base	Solvent	
Viscosity	+25 °C Brookfield	35 - 40 mPa·s
Shelf life	24 mon.	

Verarbeitung

Component temperature	>3 °C above dew point
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Aushärtung

Final strength	at room temperature	12 h
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Thermal parameters

Temperature resistance	+120 °C
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Surface pre-treatment

The surfaces to be treated need to be dry, clean and free of dust and grease (e. g. WEICON Surface Cleaner).

Processing

The layer to be sealed should be treated at least twice wet-on-wet with WEICON S 120G within a few minutes or immersed for at least 15 minutes. The temperature of the surface should be at least 3 °C above the dew point and not above 40 °C.

To accelerate drying, the temperature can be increased to 40 °C initially after a few hours and to 60°C after 2-3 more hours. For plastic models, the temperature must not be above the softening point of the plastic.

The impregnating agent is not a primer and must not be coated.

The impregnation should be repeated at regular intervals.

Safety and health

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.

Available sizes

18000001	WEICON S 120G, 1 L
18000005	WEICON S 120G, 5 L
18000010	WEICON S 120G, 10 L
18000028	WEICON S 120G, 28 L

Conversion table

$(^{\circ}\text{C} \times 1,8) + 32 = ^{\circ}\text{F}$
 $\text{mm}/25,4 = \text{inch}$
 $\mu\text{m}/25,4 = \text{mil}$
 $\text{N} \times 0,225 = \text{lb}$
 $\text{N}/\text{mm}^2 \times 145 = \text{psi}$
 $\text{MPa} \times 145 = \text{psi}$

$\text{Nm} \times 8,851 = \text{lb}\cdot\text{in}$
 $\text{Nm} \times 0,738 = \text{lb}\cdot\text{ft}$
 $\text{Nm} \times 141,62 = \text{oz}\cdot\text{in}$
 $\text{mPa}\cdot\text{s} = \text{cP}$
 $\text{N}/\text{cm} \times 0,571 = \text{lb}/\text{in}$
 $\text{kV}/\text{mm} \times 25,4 = \text{V}/\text{mil}$

To the product detail page:



Note

The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

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