

Sealers and Impregnators

WEICON S 120G



Fast-curing | low viscosity | wide range of applications

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

Characteristics

Colour after curing	colourless
Specific properties	for sensitive areas
Base	solvent
Viscosity	+25 °C Brookfield 35 - 40 mPa·s

Processing

Component temperature	>3 °C above dew point
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Curing

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 must 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 after a few hours and to 60 °C after another 2-3 hours. For plastic models, the temperature must not exceed 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.

Curing

After application, the treated surface should dry at room temperature (curing time at 25 °C: light load after 2 h; full load after 12 h). To accelerate drying, the treated surface can be slightly heated (40 °C) after two hours. This information is based on approximate values, since curing is strongly influenced by the size and shape of the pores as well as by layer thickness.

Storage

WEICON Sealer and Impregnator S 120G should be stored in a dry place at room temperature from +5 °C to +30 °C for at least 24 months after the delivery date. Opened containers must be used up within 6 months.

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.

Accessories

11202500	Cleaner Spray S, 500 ml, transparent
15200005	Cleaner S, 5 L, colourless, transparent
11207400	Surface Cleaner, 400 ml, transparent
15207005	Surface Cleaner, 5 L, transparent
15811400	WSD 400 Pressurized-Air Spray Can, 400 ml

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

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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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:



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