

Sealers and Impregnators

WEICON S P61B



Low viscosity | permanently elastic | hydrophobic

WEICON S P61B is a ready-to-use, low-viscosity, colourless impregnation agent which penetrates into micropores by capillary action. The agent is hydrophobic, seals reliably due to its permanently elastic properties and contains solvents. The sealer can be used for thermal spray coatings. S P61B has very good resistance to aqueous chemicals and showed excellent results in the salt spray test (on par with two-component sealers).

Characteristics

Colour after curing	colourless
Specific properties	hydrophobic
Base	solvent
Viscosity	+25 °C Brookfield < 40 mPa·s

Processing

Component temperature	>3 °C above dew point
-----------------------	-----------------------

Curing

Final strength	at room temperature	12 h
----------------	---------------------	------

Thermal parameters

Temperature resistance	+200 °C
------------------------	---------

Surface pre-treatment

The surface has to be dry, clean and free from dust, oil and grease.

Processing

The layer to be sealed should be treated at least twice wet-on-wet with WEICON S P61B 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. The impregnation 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 P61B 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

18150001	WEICON S P61B, 1 L
18150005	WEICON S P61B, 5 L
18150010	WEICON S P61B, 10 L
18150028	WEICON S P61B, 28 L

Conversion table

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$	$\text{Nm} \times 8.851 = \text{lb}\cdot\text{in}$
$\text{mm}/25.4 = \text{inch}$	$\text{Nm} \times 0.738 = \text{lb}\cdot\text{ft}$
$\mu\text{m}/25.4 = \text{mil}$	$\text{Nm} \times 141.62 = \text{oz}\cdot\text{in}$
$\text{N} \times 0.225 = \text{lb}$	$\text{mPa}\cdot\text{s} = \text{cP}$
$\text{N}/\text{mm}^2 \times 145 = \text{psi}$	$\text{N}/\text{cm} \times 0.571 = \text{lb}/\text{in}$
$\text{MPa} \times 145 = \text{psi}$	$\text{kV}/\text{mm} \times 25.4 = \text{V}/\text{mil}$

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.

WEICON S P61B

Sealers and Impregnators

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.

WEICON Middle East L.L.C.
United Arab Emirates
phone +971 4 880 25 05
info@weicon.ae

WEICON Czech Republic s.r.o.
Czech Republic
phone +42 (0) 417 533 013
info@weicon.cz

WEICON GmbH & Co. KG
(Headquarters) Germany
phone +49 (0) 251 9322 0
info@weicon.de

WEICON Romania SRL
Romania
phone +40 (0) 3 65 730 763
office@weicon.com

WEICON South East Asia Pte Ltd
Singapore
Phone (+65) 6710 7671
info@weicon.com.sg

WEICON Inc.
Canada
phone +1 877 620 8889
info@weicon.ca

WEICON Ibérica S.L.
Spain
phone +34 (0) 914 7997 34
info@weicon.es

WEICON Italia S.r.l.
Italy
phone +39 (0) 010 2924 871
info@weicon.it

WEICON SA (Pty) Ltd
South Africa
phone +27 (0) 21 709 0088
info@weicon.co.za

WEICON Kimya Sanayi Tic. Ltd. Şti.
Turkey
phone +90 (0) 212 465 33 65
info@weicon.com.tr