

NEW PRODUCT RANGE

SEALANTS AND IMPREGNATING AGENTS

Application areas

In industrial applications, the surfaces of a wide variety of components are impregnated and sealed – whether they are made of metal, plastic, stone, or concrete.

Through impregnation and sealing, pores and cavities are closed and sealed. The use of the sealers enables optimum results – both in the laboratory with the salt spray test and in operational practice.

Technical Data

Characteristics

Base
Viscosity +25 °C Brookfield
Temperature resistance

Curing

Cure time at 25 °C; 50 % rel. humidity
Colour in cured state

WEICON S 120G

solvent
35-40 mPa·s
+120 °C

12 h
colourless

WEICON S 180W Plus

water
20-50 mPa·s
up to +180 °C

48 h
colourless

WEICON S 500 HT

solvent
5-10 mPa·s
+500 °C

approx. 6 h Rt + 2h 220 °C
colourless

WEICON S P61B

solvent
< 40 mPa·s
+200 °C

12 h
colourless

S 120G

**fast-curing | low viscosity |
wide range of applications**

WEICON S 120G is a ready-to-use, liquid impregnating agent with a fast curing time and low viscosity. Due to its capillary action, it penetrates into pores easily and seals them permanently elastic. It contains only polymers that are approved for contact with food. S 120G has a high adhesive strength and can be used on metals and many plastics. It has good anti-corrosion properties and contains solvents.

► 1 L ► 5 L ► 10 L ► 28 L
18000001 18000005 18000010 18000028

S 500 HT

**very low viscosity | high-temperature-
resistant | chemical-resistant**

WEICON S 500 HT is a ready-to-use, very low-viscosity, colourless impregnating agent, which due to its capillary action penetrates into pores easily and seals them permanently elastic. It has a high thermal resistance up to 500 °C, a very high resistance to aggressive chemicals and provides a high dielectric strength. It is suitable as a sealant for thermal spray coatings. For optimum corrosion protection results and chemical resistance, S 500 HT should be tempered at 220 °C for 2 hours. The impregnating agent contains solvents.

► 1 L ► 5 L ► 10 L ► 28 L
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S 180W Plus

**high adhesive strength | low viscosity |
solvent-free**

WEICON S 180W Plus is a ready-to-use, very low-viscosity, water-based impregnating agent, which due to its capillary action penetrates into pores easily and seals them permanently elastic. It contains no solvents and is non-flammable. S 180W Plus adheres very well to many surfaces, such as metals and plastics. It can be used as sealing in additive manufacturing – especially for plastic models that are not solvent-resistant. The impregnating agent is temperature-resistant up to 180 °C and has a high solid content.

► 1 L ► 5 L ► 10 L ► 28 L
18050001 18050005 18050010 18050028

S P61B

**low viscosity | permanently elastic |
hydrophobic**

WEICON S P61B is a ready-to-use, low-viscosity, colourless impregnating agent that penetrates into micropores due to its 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 the same level as two-component sealers).

► 1 L ► 5 L ► 10 L ► 28 L
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