

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 18000001 ▶ 5 L 18000005 ▶ 10 L 18000010 ▶ 28 L 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 18100001 ▶ 5 L 18100005 ▶ 10 L 18100010 ▶ 28 L 18100028

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 18050001 ▶ 5 L 18050005 ▶ 10 L 18050010 ▶ 28 L 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 18150001 ▶ 5 L 18150005 ▶ 10 L 18150010 ▶ 28 L 18150028