

WAGNER Tank Sealing Resin

Transparent inner coating that prevents rust formation on the inside tank surfaces and provides long-term protection against corrosion in any tank.

Applications

WAGNER single-component tank sealing resin seals tank interiors made of steel (also alloys), aluminium, stainless steel, copper, brass and plastics such as carbon, GFRP, Kevlar, polyester or vinylester.

Even new tanks with smooth inner surfaces can be sealed with WAGNER single-component tank sealing resin; roughening is not necessary.

Note: WAGNER tank sealing resin cannot be used on tanks made of polyethylene or polypropylene, since these materials cannot be coated permanently.

A tank inside of a tank: WAGNER single-component tank sealing resin saves any tank, by installing a protective inner tank, so to speak. Even fuel tanks that are already damp or weeping liquid are usually 100% leak proof after sealing!

WAGNER single-component tank sealing resin is resistant to leaded and unleaded fuel, ethanol/petrol blended fuels such as E5, E10 and E85, pure ethanol, pure petrol (gasoline), two-stroke mixtures, diesel fuel, aviation fuel, motor oil, transmission oil, hydraulic oil, mineral oil, synthetic oil, two-stroke oil, brightstock, coolant, and additives, such as WAGNER Bactofin Fuel Stabilizer.

Advantages

In contrast to most two-component sealing compounds, WAGNER Single-Component Tank Sealing Resin does not become brittle and permanently retains a minimum amount of flexibility. This is very important as it means the inner coating bonds reliably even in case of later damage to the tank due to vibrations or minor accidents. In addition, the single-component material hardens slower, therefore giving the user more time to ensure correct sealing and to get the flowing material to all critical surfaces.

- 100% ethanol resistant
- permanently flexible
- hardens slowly
- adheres perfectly
- forms a durable petrol- and acid-resistant coating
- seals small leaks (wrinkles, weld seams, small holes)
- solvent-containing single-component polyurethane resin, therefore for universal application
- multiple applications, since excess resin can be re-used

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Technical Data WAGNER Tank Sealing Resin

Property	Test method	Test result	Unit
Colour		brown-transparent	
Condition		liquid	
Boiling point/range		> 136	°C
Flash point		> 23	°C
Upper explosion limit		7	Vol.%
Lower explosion limit		0.7	Vol.%
Vapour pressure (@ 20°C)		> 8	hPa
Density (@ 20 °C)		1	g/cm ³
Viscosity kinematic (@ 40 °C)		< 20.5	mm ² /s

Application & Dosing

The quantity of
 175 ml can treat tanks of a volume of up to 10 litres,
 250 ml can treat tanks of a volume of up to 30 litres,
 500 ml can treat tanks of a volume of up to 80 litres (with baffle plates) or 60 litres (without baffle plates).

After the necessary preparatory works pour the needed quantity of WAGNER single-component resin into the tank and shake vigorously; then carefully slosh it around. The resin should completely saturate all inner walls.

When the inner coating is dry to the touch and no longer sticky (after 12 - 24 hours), a second layer can be applied.

The hardening time of the inner sealing in the tank is about 7 to 8 days.

Before you start your work, it is very important to read carefully the detailed tank sealing instructions enclosed to the product.

Packaging

Available Container	Content	Item No.
Metal round can	175 ml	US72175
Metal round can	250 ml	US72250
Metal round can	500 ml	US72500

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