

# Sprayer 506

for the application of Trennfit concrete release agents



Please read these operating instructions carefully before using the sprayer.



## Technical Data:

- Max. capacity: 5 litres
- Total tank capacity: 8 litres
- Max allowable working pressure: 6 bar
- Max. allowable working temperature: 0°C to +50°C
- Number of max. load changes 0 bar to 6 bar: 5000
- Empty weight: 4.35 kg
- Safety equipment: safety valve incl. pressure relief valve, pressure gauge
- Nozzle: full-cone nozzle, spraying angle 120°, 0,63 l/min at 2 bar
- Power of recoil at nozzle: < 5 N
- Tank material: stainless steel
- Pump material: brass
- Mesh size of filter in quick-acting valve: 0,9 mm
- Mesh size of filter in front of nozzle: 0,5 mm
- Residue when emptied horizontally: < 30 ml

## Instructions for use:

1. Prior to each use, check the sprayer for the tightness of the hose connection and screw fittings. Also, inspect the device for cracks, corrosion and general damage.
2. Only Trennfit concrete release agents should be used with this sprayer. It is the customers own responsibility to check whether the sprayer is suited for use with alternative release agents or products or not.  
Mixtures of different products are likely to incur unforeseen, dangerous chemical reactions. Acid substances with a pH-value  $\leq 5$  as well as solvents and extremely corrosive products must not be used with this sprayer. The safety instructions (safety data sheets) of the spraying agent manufacturers must be observed, as certain spraying agents require the use of breathing equipment, eye protection, protective gloves or other precautionary measures.
3. Prior to using the sprayer, the spray tube must be connected to the quick-action stop valve.
4. To fill the sprayer first turn the pump handle to the left and disconnect the pump from the sprayer. Now fill Trennfit (5 litres) into the tank using the filling funnel, reinsert the pump and tighten it by turning the pump handle to the right. Please take care to ensure that the pump handle is completely pressed down thus ensuring that the double claw locks into place behind the wings of the pump screw fitting. This ensures a tight seal to the tank.
5. Air is now pumped into the tank and is compressed. Pumping continues until the manometer displays a pressure of 5 bars.
6. It is prohibited for a filled and pressurized device to be exposed to the sun or excess heat for prolonged periods of time. When not in use the sprayer should be stored in the shade. The maximum operating temperature must not exceed 50 °C.
7. The device is carried on the shoulder using a shoulder strap.
8. The quick action stop valve is opened by pressing the nozzle lever and the spray fog is immediately released from the nozzle. Simply release the lever to stop spraying.
9. The device must only be opened and drained after complete depressurization. Careless use of a pressurized device may incur serious injuries.
10. Do not use the device for plant protection products.

11. The device must not be used by persons who are tired, ill, or who are under the influence of alcohol, drugs or medication.
12. Do not direct the spray jet towards persons or animals. Do not spray near waters. Observe the direction of the wind when spraying – do not spray against the wind.

### **Draining and maintenance:**

1. The pressure release valve, red pressure button, must be actuated until the device is depressurized.
2. First, release the pump carefully, only a few threads, by turning the pump handle to the left, to allow for evacuation of residual pressure which may have remained in the tank. Only then can the pump be completely unscrewed and taken out of the tank.
3. Thoroughly clean the sprayer prior to prolonged periods of storage, i.e. rinse several times and whilst open leave to dry. Also, clean the fine filter thoroughly.
4. Filter: Disconnect the quick-action stop valve at the handle first.  
**Caution:** Depressurize device first.
5. Protect sprayer against frost if contents are sensitive to frost.
6. Service life of the sprayer will be much longer if the O-ring between pump screw fitting and tank as well as the inner O-ring is lubricated at regular intervals using resin-free and acid-free lubricant.
7. In case of malfunctions, depressurize the device, clean the filter or nozzle, and replace defective parts (e.g. seals).

### **Caution:**

Excessive strain as a result of improper handling, storage and transport, insufficient maintenance and care are likely to cause premature wear and safety problems to the device. Prior to any use, the operational safety of the sprayer must be checked for any defects that may infringe applicable safety regulations. As a minimum it is recommended that no longer than every 12 months, the sprayer must be inspected by experts, if possible by the maintenance service of the manufacturer. Repairs to pressure tanks and (pressure) pipes as well the use of damaged tanks are prohibited for safety reasons.

Please follow the relevant safety data sheets for chemical substances and mixtures.

The maximum concentration as well as safety instructions given by the sprayer manufacturers must be observed.

### **Subject to technical modifications.**

# Sprayer 506

Spare parts list valid as of 2020

	Art. No.	Description
	TSP01	Special spray nozzle
	TSP02	Nozzle with screw connection for type 506
	TSP03	Spray tube incl. nozzle with screw connection
	TSP05	Quick-action stop valve, complete
	TSP07	Spray hose with hose screw connection
	TSP09	Spray hose with quick-action stop valve, complete
	TSP10	Filling funnel f. type 506
	TSP11	Safety valve complete, incl. seal
	TSP12	Pressure manometer 6 bar, incl. seal
	TSP13	Carrying strap incl. padding
	TSP16	Pump, complete
	TSP17	Seals, complete set

The recommendations with regard to the use of this product given to the customer are as a result of the currently available experience based on our best knowledge and in conformity with the present state of knowledge in science and practice. They are given without obligation and do not create a contractual legal relationship and subsidiary duties. These recommendations do not free the end user from his obligation to test whether our product is suitable for the intended application within his own responsibility.

**This Installation Guideline is a condensed description of factors having a direct effect on the performance of the sprayer and is based on the present state of the art. It may be necessary to alter these recommendations, as more information becomes available. Correct use is the responsibility of the user, if in doubt please consult your local supplier.**