

## Technical data sheet

### TAPOX 2K Tank Coating

#### Available container sizes, order number and VPE

Tapox 2K tank coating 445 ml

Art. No.: 24030 PU 6

Tapox 2K tank coating 890 ml

Art. No.: 24330 PU 6

Larger containers for industrial use are available on request.

#### Description and properties

TAPOX is a durable and highly resistant 2-component interior tank coating. No coating build-up or dissolving due to gasoline, diesel or ethanol. Heat resistant up to 80 °C.

#### Application and instructions for use

Steel fuel tanks, both in the motorcycle, car, truck. And transport industry corrode due to the modern composition of fuels, especially during long periods of standing by splitting of the fuel components. In the case of diesel vehicles, the formation of microorganisms (diesel plague) is also increasingly reported after longer periods of standstill. TAPOX prevents corrosion in steel tanks and also allows tanks to be cleaned without rust formation. Corrosion also occurs in aluminum tanks. Here too, Tapox offers a safe solution. Do not mix the coating at temperatures below 15 °C and do not apply below 15 °C.

#### Advantages

- No stripping by gasoline, diesel and ethanol on competition vehicles
- Resistant to many acids and alkalis
- Temperature resistant up to 80°C

#### Processing tools

No processing tools necessary, but follow curing instructions. (for commercially available fuel tanks)

In the case of large tanks which can be walked on, for example, application is possible with the aid of compressed air tools or a brush/roller.

As a matter of principle, always provide sufficient air flow into the tank after application, both for curing and to allow the solvents to flow out.

FERTAN GmbH

Saar-Lor-Lux Straße 14, 66115 Saarbrücken, Deutschland

Tel.: +49 (0) 681 710 46 Fax: +49 (0) 681 710 48

Mail: [verkauf@fertan.com](mailto:verkauf@fertan.com) [www.fertan.com](http://www.fertan.com)



## Technical data

**Pre-treatment:** Do not apply the product below 15 °C. To do this, first carefully prepare the inner surfaces of the tank. Remove fuel deposits from the tank by cleaning it with an alkaline cleaner. **CAUTION DO NOT USE MINERAL CLEANERS.** Remove rust and corrosion with the products FeDOX and FERTAN, depending on the thickness of the rust. In case of very strong corrosion, first remove the oxide completely with FeDOX, clean with water and re-treat the still wet tank with FERTAN. After the reaction time, rinse again thoroughly with plenty of water. Rinse until only absolutely clean water runs out and leave to dry completely. (the tank must also be completely dry in welded seams).

Always pre-treat aluminum tanks with a wash primer for better adhesion.

**Coating:** Mix component 1 (stock) to a homogeneous mass, then add component 2 (hardener-TX10) and stir very thoroughly until a very thin and lump-free mixture is obtained. Then pour this into the pre-treated tank and coat the entire inner surface of the tank by rotating, turning and shaking. Then allow the excess material to run out so that excessive coating thicknesses do not occur.

**Post-treatment:** The tank must be oxygenated after application. As a rule, the oxygen present in the tank, which is necessary for correct curing, is not sufficient. (For example, by means of a compressor)

**ATTENTION:** The outflowing air mixture can be explosive and highly flammable. Therefore, do not smoke, do not create open fire, do not create electric sparks. Do not use electrical equipment for ventilation, as sparking is possible. Ensure good ventilation. Tapox is not suitable for plastic tanks.

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### Physical data:

- Weight percentage 53% +- 3%.
- Specific gravity 1250 g/l +- 50 g/l
- Flash point 26 °C
- Shelf life 12 months after production (when stored frost-free in unopened packaging)
- Color Red

### Processing data:

- Recommended film thickness 20 - 40 µm
- Theoretical consumption 6.7 sqm (at 40 µm)
- Shelf life (mixed) 4 hours at 5 °C
- Mixing ratio 100 + 36 (weight)
- Resistance in salt spray + 300 hours at 75 µm
- Surface Salts, greases, silicones and oils must be removed
- Roughness Sandblasted or derusted with FERTAN (Sa 2,5 SSPC SP10)

### Drying times:

- At 20 °C      dust dry 15-30 min  
                     Touch resistant 60-120 min  
                     Complete 72 hours

### Application

Method of application	Viscosity	Thinner (%)	Pressure (bar)	Nozzle
Airless (30-45:1)	25 - 35"	2 - 8	150 – 200	0.017 - 0.021"
Spray gun	18 - 25"	8 – 15	4 - 6	1.4 - 2.1 mm
Flow coating	18 - 25"	8 - 15	-	-
Brush/roller	30 - 50"	8 - 15	-	-

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### **Danger and safety information**

**Please observe the printed safety and hazard information before use.**

**You can request the safety data sheet directly from us.**

### **IMPORTANT!**

FERTAN Tapox is a product of FERTAN Korrosionsschutz Vertriebsgesellschaft mbH and its general terms and conditions apply exclusively. The latter does not assume any guarantee for product properties and these are to be checked by each user according to his requirements. Information not contained in this leaflet must not induce the user to use the product for special purposes and FERTAN Korrosionsschutz Vertriebsgesellschaft mbH.

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