

CHING-Release agent TWFD 1478 liquid







Intended use




A release agent used as an additive for assembling components on freshly painted transformer tanks. The product is inert, safe to handle, and can be easily removed from the painted component with water if necessary.

Application

Used as a release agent to prevent sticking on painted components, e.g., around screw connections or other areas on coated components that are pressed together under high pressure.

General information

	Color shades	Colorless
	Stirring / Dilution	Stir the product mechanically before each use. Ready to use after adding hardener. Dilute with if necessary.
	Brush application	Stir TWFD 1478 and apply a thin coat using a brush.
	Roller application	n.a.
	Substrate preparation	The surfaces to be coated must be free of dust, dirt, or other contaminants.
	Drying time¹	Mechanicus resilient
	at NC 23/50	Approx. 1-3 hours. Drying time depends on environmental conditions such as temperature, humidity, etc.
¹ Based on delivery viscosity! Humidity has a decisive influence on drying!		

	Viscosity delivery form	80 - 120 DIN-4-seconds				
	Other values	Density [g/cm ³] 1,2 ± 0,1	Solids [Weight. %] 26 ± 3	Solid volume [%] n.a.	Solid volume [cm ³ /kg] 100 ± 20	Efficiency¹ [m ² /kg] n.a.
		WFF n.a.	DFT [µm] n.a.	Consume [g/m ²] n.a.	VOC-content [g/l] (± 20) 0	Temperature Resistance²
	<p>Drying times are correspondingly longer for thicker layers. The drying times are shortened by forced drying.</p> <p>¹ ± 0,5 for n.a. µm dry layer thickness (depending on shade) ² Dry heat</p>					
	Notes	<ul style="list-style-type: none"> • Storage 6 months (in unopened original container. Store cool but frost protected!) • Processing conditions <ul style="list-style-type: none"> ❖ The air and object temperature should be at +10°C bis +40°C (optimally at 15-35 °C) and the relative humidity at max. 80 %. The surface temperature of the parts to be coated must be at least 3 °C above the dew point of the surrounding air during application. ❖ Sufficient supply and exhaust air must be provided. ❖ Avoid getting drips or splashes on other surfaces, and remove them immediately. Otherwise, adhesion problems may occur in these areas when subsequent coats are applied. It is therefore recommended that adjacent surfaces be masked off. 				