



Supplier information:	Dutch Coating Innovators B.V. Titanialaan 5 1702 AZ Heerhugowaard The Netherlands Tel. +31 (0)72 5723506 Fax: +31 (0)72 5723504
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Product	:	TEDAC® coating Gloss
Product code	:	2TC0412000
Description of product	:	Two-component coating for application by brush, roller or sprayer

Colour	:	Transparent, Gloss
Degree of gloss	:	85-95 %/60° angle (DIN 67530)

Density (20°C)	:	1.05-1.15 g/ml
Solids content	:	56-58 %
Flash point	:	>21°C
Viscosity on delivery	:	30-35 s in 4mm -DIN-cup

Substrate	:	Special lacquered surfaces
Preparation	:	If there is no specific staining of the substrate, then cleaning with TEDAC® All-Purpose Cleaner and TEDAC® Degreaser is sufficient. In other situations, for more information please contact Dutch Coating Innovators as stated.
Number of layers	:	One layer

Storage stability	:	At room temperature in the original sealed container: Coating: 12 months Hardener: 6 months Thinner: 60 months
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The tins should always be closed properly after use.
Note: exposure to moisture negatively affects the hardener!

The coating should be stirred well before use!



Hazard class : **A II** (German Law on Flammable Liquids - VbF)

Identification : Falls under the hazardous substances provision
Xn Harmful



By hand or 3K mixing machine :

Hardener : 2HA013000T

Mixture ratio : 100 : 20 (Coating : Hardener)
Add hardener while stirring

2K mixing machine

Ratio of components : 100 : 16.2 (Coating: Hardener)

When adding thinner : 100 : 20 : 25 (Coating: Hardener: Thinner)

Thinner : VB049

Maximum addition of thinner : 100 : 15 (Coating; Thinner)

Working consistency : 18 – 19 sec. in 4mm-DIN-cup

Conditions (object) : Forced drying

Pot life : 2-8 hours (depending
on ambient temperature)

Method of application : Spraying (air mix, air less and HVLP)

Nozzle aperture : Machine : 0.5 – 0.8 mm
Manually or paint robot : 0.8 – 1.2 mm

Spray gun pressure : 2.5 – 3.5 bar (HP), 0.8 – 1.2 bar (HVLP)

Material pressure : 0.8 – 1.0 bar

Processing conditions : Optimal application temperature : 20 - 25 °C
Relative humidity : 50 - 60 %



Curing time : Air drying or forced drying (e.g. 15 - 30 minutes at 60 - 80 °C)
If the drying temperature falls below +15 °C, it can delay or halt the curing process.

Layer thickness : ~ 15 - 40 µm

Consumption (theoretical) : ~ 350 - 450 m²/kg at 1µm layer thickness

Legal notes:

The information contained in this Technical Data Sheet (TDS) is based on the present state of our knowledge and at the above specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. All users of this product are reminded that the information contained in this TDS does not dispense them from the duty to make an independent assessment of the workspace risk under EU Directive 89/391/EEC (introduction of measures to encourage improvements in the safety and health of workers at work), the COSHH Regulations (Control of Substances Hazardous to Health) and to fulfill the requirements set out in the local legislation and regulations.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This TDS cancels and replaces any preceding releases.

See also our EC-MSDS (Material Safety Data Sheet)