

## Technical Data Sheet UPVC 1K Topcoat

### PRODUCT DESCRIPTION

TULDA UPVC 1K Topcoat is a one-component coating specially formulated for superior adhesion on a wide range of hard and flexible plastic surfaces including UPVC, foamex board and flexible PVC materials. Ideal for revitalising old and worn cladding and fascia boards, offering an economical alternative to replacement. The formulation ensures compatibility with UPVC windows, providing excellent adhesion and a fast-drying feature for quick and easy application.

### TECHNICAL SPECIFICATION

Type:	1K Acryl
Supply viscosity of component A:	50-60s, DIN6 20 °C
Density:	0,94 - 1,05 kg/l
Colour shades:	According to RAL card and NCS system
Appearance:	Matt, semi-gloss, glossy
Solids:	40 % by volume 45 % by weight
VOC:	Up to 650 g/l

FILM THICKNESS AND SPREADING RATE	MINIMUM	RECOMMENDED
Dry film thickness (µm):	60	40
Wet film thickness (µm):	160	105
Theoretical spreading rate (m <sup>2</sup> /l):	4,4	6,5

### AFFILIATED COMPONENTS

TULDA ST 10 Universal Thinner

Drying	10 °C	20 °C	30 °C
Dust dry:	15 min	10 min	5 min
Dry to touch:	30 min	20 min	10 min
Min. overcoating Interval:	1 h	30 min	20 min
Max. overcoating Interval:	7 days	7 days	3 days
Remarks:	Drying times refer to the recommended dry film thickness at appropriate ventilation.		

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### SURFACE PREPARATION AND WORKING CONDITIONS

Surface preparation:	Clean the surface thoroughly by removing dirt, dust, and grease using a mild detergent or UPVC cleaner. Smooth the surface by lightly sanding to ensure even texture and better adhesion of the coating. Repair any cracks or damaged areas and test the coating in a small, inconspicuous area before applying it to the entire surface, following the instructions for optimal results. Corroded or damaged areas should be repaired first with an appropriate primer system. The paint can also be used for other substrates, so consult experts from GAVBIZ Ltd. for an appropriate paint system.
Working conditions:	Minimum temperature at application: +5 °C The substrate temperature should be at least 3 °C above the dew point at measured weather conditions.

### APPLICATION DATA

Method	Parameter	Value
Airless spraying:	Working viscosity:	Supply viscosity
	Thinning:	Up to 25 % by volume
	Nozzle:	0.011 - 0.018" (0,28 - 0,46) mm
	Pressure:	Up to 15 MPa
Air spraying:	Thinning:	Up to 30 % by volume
	Nozzle:	1,2 - 1,4 mm
	Pressure:	0,3 - 0,5 MPa
Brush/roller:	Thinning:	Not recommended

In order to achieve the specified dry film thickness in comparison to airless spraying, it is required to double the number of coats. The percentage of the added thinner depends on the temperature of the paint. The above data refer to temperature 20 °C.

### COATING SYSTEM

We recommend selecting the coating system according to the respective corrosion class in accordance with standard EN ISO 12944-5.

### ADDITIONAL INFORMATION

Storage:	In closed containers at temperature 5 - 25 °C.
Safety instructions:	Refer to the MSDS and the label of the product.
Certificates:	For each batch of paint, we issue the corresponding quality certificate with all control data.
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This technical information is a result of knowledge based on laboratory work and practical experience. In case of use of our products out of our control, we cannot assume any responsibility and we guarantee only for the quality of the paint as such. The data of the measurable technical characteristics are only approximate and cannot represent the basis for a claim. We reserve the right to change data without prior notice.