

TOPDUR

▶ Product code No.	379-xxx – colored 399-xxx available colors
▶ Product Description	Two-component, polyurethane acrylic coat in satin gloss. Designed to serve as a primer and topcoat in one coat for treated aluminum, steel, and ferrous metals coated with a suitable epoxy primer.
▶ Special features	Conforms to specifications of leading hi-tech corporations. Excellent hardness and resistance to scratching. Fast drying. Good adhesion to ABS, PVC, etc. Can be applied as a primer and a top coat in one layer on treated aluminum.
▶ Suggested uses	Designed for painting electronic packaging and plastic.

Technical data

▶ Color	Black, white, RAL7035, RAL 7032, RAL 9002 and other RAL shades or samples, by special order.
▶ Gloss at 60°C	Satin.
▶ Solid content by volume	70%
▶ Recommended dry film thickness	20-40 microns.
▶ Calculated spreading rate* (sq. m/liter)	10-20
▶ Thinner for dilution	10, 11 – according to environmental conditions.
▶ Touch dry**	10-20 minutes.
▶ Hard coat**	45 minutes in an accelerated process, including wait time of 15 minutes and 30 minutes in an oven, at 80°C.
▶ Dry to recoat	1 hour.

Two component paint

Mixing ratio by volume	A:B = 4:1
Mixing ratio by weight	A:B = 5:1
Pot life After mixing**	6 hours.

Storage

▶ **Shelf life**** 24 months.

Surface preparation and specification

Surfaces shall be dry, clean and free of any dust, oil, and other contaminants. Prior to application on metals prepare surface through a conversion process and apply an epoxy primer, such as Epoxy Primer EA-9.

Aluminum: Conversion treatment without a primer.

Plastic: clean off any oils, without a primer.

▶ **Paint application**

Application method	Pressure (atm.)	Nozzle Orifice	Thinner	Thinning Volume (%)
Regular Spray	4		10, 11	20-40%

▶ **Cleaning Thinner** 11

Application remarks

1. Stir thoroughly before use.
2. Mix part A and part B before diluting.
3. Topcoat effect varies according to the air pressure and nozzle orifice.

Caution

Any work that includes application and use of this product shall be performed according to the applicable Safety, Health and Environmental regulations. Read the safety precautions and the warnings specified in the Safety Data Sheet, available at Tambour Safety Department and indicated on the product's label.

Keep away from fire and sparks. Inedible. Provide adequate ventilation of the work space. Use appropriate protective means, as indicated in the Safety Data Sheet.

Do not inhale fumes when spraying this product.

Warning

Never mix this material with others when not specifically recommended by us.

General comments

Data presented here is based on our best knowledge and experience. We reserve the right to update and/or alter it without prior notice. Achievement of the best desired results is subject to proper application in strict conformance to our instructions and safety measures. Before application, the user should verify that the product is indeed designed for the intended usage and that the surfaces to be painted are properly prepared, and are suitable for the product's application.

* Practical spreading rate can vary, depending on the surface, the application mode, the painter's skill and weather conditions at the site. Assume approximately 75% of the calculated spreading rate.

** At 25°C and 65% relative humidity.