LEVASSEUR
Your paint expert

POLYFOND DTM LACQUER 20 / 40 / 60

PRODUCT DESCRIPTION

POLYFOND DTM LACQUER is a two-component anticorrosion polyurethane paint, which can be used as a primer and finishing coat, on ferrous and non-ferrous metals. For indoor and outdoor use. It offers very good resistance to weather and UV rays.

The POLYFOND DTM LACQUER is tintable and available in Matte (20) and Satin (40 and 60).

APPLICATIONS

Protection and decoration of metal structures and industrial equipment (metal structures, containers, tanks, skips, industrial bodywork, street furniture, etc.)

SURFACE PREPARATION

Ambient temperature: min. +10°C and Max. +35°C
Surface temperature: min. +10°C and Max. +35°C
Relative humidity: Max. 75%

* On ferrous metals:
The surfaces to be painted must be clean and dry, carefully cleared of all dirt, old loose paints and traces of grease. Surface preparation can be done by sandblasting, shot blasting, scraping, brushing and then dusting and degreasing.
Rust, scale, deteriorated paints should preferably be removed by shot blasting or sandblasting at a minimum of SA 2.5 and, if sandblasting is not possible, scrape – brush at an St 3 care level.
On old, adherent and consistent paint (old polyurethane or epoxy finish), sanding or brushing metal if necessary to promote adhesion on surfaces that are too smooth, then proceed with leaching or dusting.
Shot-blasted or sandblasted surfaces should be painted immediately afterwards.

* On galvanized steels:
Degrease with our R-Clean Degreaser + 3M 0744 Red Scotch Brite Sponge. Wipe well with R-Clean Degreaser. Additional degreasing with MEC helps to remove R-Clean Degreaser.

* On aluminum:
Sanding with P160-P180 paper. Degrease (R-Clean), wipe well and, if necessary, additional degreasing with MEC for complete removal of R-Clean.

PREPARATION OF THE MIX AND USE OF THE PRODUCT

POLYFOND DTM LACQUER can be applied with brush, roll or pistol

	MIXING RATIO volume	MIXING RATIO Weight	MIXING RATIO volume	MIXING RATIO weight
	AIRLESS	**AIRLESS**	**Low Pressure**	**Low Pressure**
LACQUER	8 volumes	1000 Grams	8 volumes	1000 Grams
HARDENER DTM	1 volume	110 Grams	1 volume	110 Grams
THINNER POLYFOND BRUSH / SPRAYING	10% Max	100 Grams	15-20% Max	150-180 Grams

The mix should rest 10 minutes before being applied.
AIRLESS pistol with a nozzle 0.011 to 0.015 inches
Low pressure pistol with a Nozzle 1.6-1.8 mm.

S.A. LEVASSEUR NEWCO N.V.
Rue du Bourdon - 121 - Horzelstraat - B - 1180 BRUXELLES - BRUSSEL
Tel. 02/ 376 00 18 – Fax. 02/ 376 38 86 – info@g-levasseur.com – www.levasseur.be

LEVASSEUR
Your paint expert

DRYING TIME 60% RH - 20°C - 60 µm dry

Dust-free: 45 minutes
Dry to the touch: 90 minutes
Tough at heart: 20 hours
Coverable: 24 to 72 hours (beyond that, light sanding is recommended)
Optimal properties: 7 days

CLEANING OF THE MATERIAL

Synthetic Thinner or lavage polyester

PROPERTIES

Key features:

- Very good weather and UV resistance
- Anti-corrosion: Very good resistance to salt spray for 720 hours with a dry film thickness of 100 µm.
- Meets ISO 12944-2:
  for C4 long (> 15 years) and C5-I and C5-M medium (5-15 years), for a thickness of 100 µm dry on steel, galvanized steel, electrogalvanized steel, aluminum.
- Can be applied directly to metallization.

Classification	A.F.N.O.R NF T 36-005. Family I Class 6a/7b1	Density	1,15 - 1,3 (dep. on colour)
Dry matter by weight	57 ± 2 % (Variable depending on the colour)	Viscosity @ 20°C	120 s ± 10s cup Ford nr 4
Solids by volume	51 ± 2 % (Variable depending on the colour)	Flash Point	> 21°C
Potlife (20°C)	150 minutes (doubling of viscosity)	Theorical Yield. (Lossless smooth)	6.5sqm/L @ 80µm dry
Recommended thickness	60-100 µm dry		5.5sqm/L @ 100µm dry
Parboiling	After a 30 minutes flash off : 60°C during 45 minutes (Metal Temperature)		

STORAGE CONDITIONS

2 years in original, closed and unopened packaging for component A.
1 year in original, closed and unopened packaging for component B.
Store in a ventilated, dry room at a temperature between +5 and +35°C.

Our information on the technical product is used only as assistance to professional workers. During the implementation of our products, we always advise to start with a test on a small area.

S.A. LEVASSEUR NEWCO N.V.
Rue du Bourdon - 121 - Horzelstraat - B - 1180 BRUXELLES - BRUSSEL
Tel. 02/ 376 00 18 – Fax. 02/ 376 38 86 – info@g-levasseur.com – www.levasseur.be