



# DURACOAT

PROFESSIONAL HIGH-GLOSS, HIGH-SOLIDS POLYURETHANE ENAMEL



## DESCRIPTION

Professional high-gloss, high-solids polyurethane enamel characterized by excellent scratch resistance and good flexibility. It provides high resistance to chemical agents, hydrocarbons and lubricating oils. Suitable for coating industrial concrete floors, metal substrates, garages, cellars, swimming pools, and cementitious surfaces where excellent outdoor resistance and trafficability with industrial trolleys and rubber-wheeled vehicles are required.

For an anti-slip finish, it is possible to add GRIP ANTISLIP or ANTISDRUCCIOLO ADDITIVE.

## TECHNICAL CHARACTERISTICS OF THE UNAPPLIED PRODUCT

Specific weight	1300 ± 20 g/l
Viscosity (efflux time)	58" - 1'08" (ISO 2431:1993 DIN6)
Theoretical dry residue	71% ± 1% by weight
VOC content	29% ± 1% by weight

## TECHNICAL CHARACTERISTICS OF THE APPLIED PRODUCT

Dust-free drying	20-30 min
Touch dry	60-120 min
Full drying	15-24 hours
Pedestrian traffic	36-48 hours
Vehicle traffic	72 hours
Theoretical coverage (2 coats)	60-70 gloss
Gloss (60°)	6-10 m <sup>2</sup> /kg

## CATALYSIS

DURACOAT must be catalyzed at 25% with Catalyst 5090 HS. Apply the product after 15 minutes (induction time). Once catalyzed, the product must be applied within the POT LIFE window, which varies depending on environmental temperature and humidity levels.

## APPLICATION

### PRODUCT APPLICATION

- Application temperature: 5-30°C (RH < 70%).
- Pot Life: 2-3 hours.
- Dilution: Ready to use; max 2-3% polyurethane or nitro thinner.
- Application tools: brush, short-nap roller, line-marking airless system.
- Cleaning: Use polyurethane or nitro thinner.

### APPLICATION CYCLE

Add the catalyst slowly, dilute appropriately, and allow a 15-minute induction time. Apply two coats, waiting at least 4 hours between them. If more than 24-36 hours pass, light sanding is required.

Date 15/10/2025



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## WARNINGS

- Follow all safety regulations for solvent-based coatings.
- Product is flammable.
- Ensure adequate ventilation during use.
- Avoid contact with skin and eyes.

## HEALTH AND SAFETY

Refer to the latest Safety Data Sheet for instructions on handling, storage and disposal. Do not release product or empty containers into the environment.

**For PROFESSIONAL USE ONLY.**

## LEGAL NOTICE

The information and recommendations given above, although they correspond to our best experience, must in any case be considered purely indicative and must be confirmed by exhaustive practical applications. Therefore, before using the product, anyone who intends to make use of it must determine whether it is or is not suitable for the intended application and, in any case, assumes all responsibility that may arise from its use. Always refer to the latest updated version of the technical data sheet, available on the website [btechitalia.eu](http://btechitalia.eu).

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