

DESCRIPTION

Single component Solvent Base Acrylic Resin Road Marking paint with Excellent UV resistance, highly applicable Horizontally and Vertically with Anticarbonation properties.

USES

CONCOAT TP® is applicable to be used for:

- ☐ Road Marking
- ☐ Kerbstones
- ☐ Concrete Surfaces and walls
- ☐ Speed Humps
- ☐ Light weight traffic areas

ADVANTAGES

- ☐ Single Component
- ☐ Primeless
- ☐ Easy to apply
- ☐ Excellent adhesion to concrete
- ☐ Good Abrasion Resistance
- ☐ Alkali Resistance
- ☐ Applicable over Epoxy and Polyurethane flooring systems
- ☐ Applicable Horizontally and Vertically
- ☐ Excellent abrasion resistance
- ☐ Interior and exterior use
- ☐ UV Resistance
- ☐ Low VOC

COMPLIANCE

Federal Specification-TT-P-1952, type 2 for adverse conditions

MATERIAL DATA

Type	Solvent Base Acrylic Resin
Form	Clear, Yellow, White & Black
Packing	1USG & 5USG
Application	Airless Spray, Roll and Brush
Storage	12 month in unopened packaging, between 5°C and 35°C

TECHNICAL DATA

Property	Value
Solid Content	>50%
Density	± 1.4
Flash Point	25°C
VOC	<250g/l

APPLICATION DETAILS

Surface Preparation

Substrate should be sound, clean and free from dirt, dust, laitance and all loosely adhering particles.

Application

concrete floors

Should be at least 28 days old or have a moisture content of less than 5% before proceeding with **CONCOAT TP®** application. Laitance and deposits on new concrete floors are best removed by light grit blasting, mechanical scrubbing or grinding. After preparing the floor, it should be thoroughly washed with clean water and then allowed to dry.

Important Notice:

The above data is based on our experience and extensive laboratory tests. It may be considered to be a general advice only and cannot be granted to meet the requirements for all the intended uses. It is the responsibility of the end user to ensure that the product is suitable for the purpose for which he wishes to use it. In view of many varying factors that are encountered during the application of the product it does not exclude the end users from not conducting their own test before actually using the product. We are thus only responsible for the quality of the product itself and not responsible for its performance, nor would we accept any liability whatsoever or howsoever arising from the use of this product. Any such matters should be specifically agreed to in writing by us. Bayshield reserves the right to modify the contents of the data sheet from time to time without notice as a system requirement in updating our products from time to time.

Epoxy and Polyurethane Flooring Surfaces

Prior to applying the **CONCOAT TP®**, it is advisable that the surface should be clean from Dust and grease, and after the Epoxy and Polyurethane flooring have achieved its partial curing mechanism. If the surface applied is over its full curing period, it is highly recommended to use an epoxy primer (**Epoprime 65**) prior to applying the **CONCOAT TP®**. Consult with Bayshield Technical Team for recommendation

GENERAL Application

Once mixed **CONCOAT TP®** should be applied in a thin continuous coats, in which minimum 2 coats is recommended at an average of 100-200 microns per coat.

Method of Application

1. apply the initial coat at a rate of 2-3m²/ltr and optionally while wet distribute the antislip grain / glass beads (<200microns) over the wet surface and allow to dry for 24 hours.
2. Remove the loss laid grains and apply 1-2 coats over the surface and allow for 48 hours curing and light weight traffic.

Method of Mixing:

1. Mix using a slow speed Mixer
2. Dilute with Bayshield Thinner X
3. Over coating without Antislip Grains should be within 24 hours

THEORETICAL SPREADING RATE

4m²/ltr @ 100 microns DFT depending on the nature of the surface

2-3 m²/ltr @ 150-200 microns DFT for lining and marking application

DRYING & CURING

1. Drying within 10min @ 40°C and ready for recoating
2. Curing within 24 hours

PROTECTION MEASURES

CONCOAT TP® is Solvent Based and there is risk of cauterization in the event of contact with the eyes; will lead to dehydration and thereof irritation in case of contact with skin. So while mixing and applying the product, protect with safety goggles and protective gloves

- ☐ Splashes to skin must be washed off with water and Soap.
- ☐ Splashes to the eyes must be rinsed with clean warm water. Seeking medical attention is highly recommended and mandatory.

