

DESCRIPTION

Single component Solvent and water base Acrylic Resin Coating with Excellent UV resistance, highly applicable Horizontally and Vertically with Anticarbonation and crosslink properties, suitable for Indoor and outdoor courts.

USES

COURTYARD 500® is applicable to be used for:

- ☐ Road Marking
- ☐ Kerbstones
- ☐ Concrete Surfaces and walls
- ☐ Indoor and outdoor Tennis and basket ball courts
- ☐ Speed Humps
- ☐ Pedestrian traffic areas

ADVANTAGES

- ☐ Single Component
- ☐ 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 & Water base Acrylic Resin
Form	Clear, and various colours
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.

concrete floors

Should be at least 28 days old or have a moisture content of less than 5% before proceeding with **COURTYARD 500®** application. Laitance and deposits on new concrete floors are best removed by light grit blasting, mechanical scabbling 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.

COURTYARD Surfaces

Prior to applying the **COURTYARD 500®**, All minor cracks should be treated using Epoxy Based mortar **EpMortar FC** and major cracks should be treated using **EpMortar HB**. Cement grout and mortar are applicable under strict conditions

GENERAL Application

Once mixed **COURTYARD 500®** 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. Priming stage using **EPOPRIME 60** (Solvent Base Epoxy) at a rate of 100-200 gm/M² or **PRIMESHIELD 500** for water base application
2. apply the initial coat at a rate of 2-3m²/ltr and optionally while wet distribute the antislip grain over the wet surface and allow to dry for 24 hours.
3. Remove the loss laid grains and apply 1-2 coats over the surface and allow for 48 hours curing prior to 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

2-3m²/ltr @ 300-500 microns DFT depending on the nature of the surface in 2 coats

3-4 m²/ltr @ 200-300 microns DFT for lining and marking application

DRYING & CURING

1. Drying within 40min @ 25°C and ready for recoating
2. Curing within 24 hours

PROTECTION MEASURES

COURTYARD 500® is a chemical product 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.

