

## Ivory 400 Polyurethane Enamel Coating



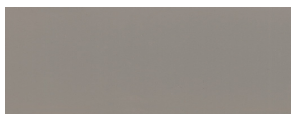
### Standard Colour Chart



Yellow



Forest Green



Dark Grey



Tile Red



Mid Grey



Black

\* Also available in white

### Description

A 2 component hard wearing, polyurethane coating for masonry, concrete, steel, timber, G.R.P structures. Used as a finish coating on floor systems and marine applications above water level. Recommended for exterior applications due to durability and non-yellowing properties.

### Benefits

- Good mechanical properties, flexibility and adhesion.
- Hardness - excellent mar resistance.
- Good chemical and weathering resistance.
- High loss – easy cleaning.
- Quick drying time – long pot life – can be sprayed.
- Over-coatable.

### Model Specification

Product: Ivory 400

Finish: Semi-gloss

Thickness:  $\pm 50$ microns @  $8m^2 / \ell$

Colour: Standard colour chart available

Preparatory work and application in accordance with supplier's instructions.

### Resistance

Resistant to spillages of most dilute solutions of acid and alkalis. Resistant to aliphatic solvents, alcohols and Skydrol. Not recommended for immersed surfaces.

The applied colours may differ slightly from the examples shown above.  
Contact our customer services for a true colour sample or a special colour match.

## Preparation

- All surfaces must be clean, sound, laitance and dust free and have a maximum moisture content of 4%. Concrete surfaces to be prepared by abrasive blasting or grinding to achieve a profile similar to medium grit sand paper. The use of Ivory Concrete Etchants should only be considered as a last resort and should be discussed with Flowcrete's Technical Department as to the suitability and procedure.
- Steel surfaces to be grit blasted to Sa 2½. Where grit blasting is not possible surfaces to be thoroughly abraded to remove all loose rust.

## Application

Thoroughly mix the contents of the Base and Activator together for 5 minutes using a flat piece of wood or a spatula. Apply by brush, roller or spray two coats of Ivory 400.

## Focus on the Floor-zone

Flowcrete Group plc are world leaders in specialist industrial and commercial flooring. Systems available include: underfloor heating systems, floor screeds, surface damp proof membranes, decorative floor finishes, seamless terrazzo, car park deck waterproofing, tank lining systems... to name just a few. Our objective is to satisfy your Floorzone needs.

## Important Note

Flowcrete's products are guaranteed against defective materials and the finished product.

## Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20 °C and at 50% Relative Humidity.

No of components	:	2
Mixing Ratio		
Base/Activator by volume	:	4:1
Pot life (500ml)	:	8 hours @ 25°C
Drying time Touch Dry	:	30 minutes
Practical cure	:	12 hours
Full cure	:	7 days
Apply by:		Brush, roller or spray
Theoretical Coverage	:	8m <sup>2</sup> /ℓ per coat
D.F.T.per coat @8m <sup>2</sup> /ℓ	:	50 microns
Recommended No	:	Primer + 2
Overcoat Time Min	:	12 hours
Max	:	24 hours
Application Temperature	:	10 – 30°C
Service Temperature Dry	:	80°C
Colour	:	See colour chart
Thinners	:	Ivory Polyurethane
Cleaner	:	W.S.B.C
Shelf Life	:	6 months

## Caution

Ivory 400 contains flammable solvents. Ensure adequate ventilation and safety precautions during application. Ivory 400 is moisture sensitive and must not be applied should atmospheric conditions exceed 85% relative humidity.

## Specification

Prepare and prime surfaces and apply two coats of Ivory 400 all in accordance with the manufacturer's detailed instructions.

## Priming

Concrete and plaster surfaces:

Apply Ivory 305 primer

Grit blasted steel surfaces:

Apply Ivory 366 primer

Steel surfaces prepared by wire brushing:

Apply Ivory Ivomastic primer

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