

# UNIPRIME X450

FP PRIMER FOR CONCRETE

**START SAFETY**

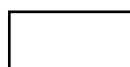
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A versatile clear primer that is used to prime concrete and cementitious surfaces before application of thermoplastic screed, or solvent based epoxies and acrylics. It is a single pack product that is very fast drying. This enables minimum delay before overcoating and removes the failures associated with slow drying and ineffective tack coat or similar products. Ideal for use on all concrete finishes, blocks and pavers. Can be applied by hand, or sprayed effectively through airless spray equipment for rapid and accurate application without the overspray associated with inferior products. Comes packaged in the innovative EnviraPac liner system, which allows maximum usage of product, recycling of clean metal tins and most importantly considerable reduction of waste costs.

## FEATURES AND BENEFITS

- Very fast drying to enable greater productivity
- Works with thermoplastic and acrylic/epoxy paints
- Clear finish to avoid the unsightly effect of black tackcoat on concrete surfaces
- Compatible with airless or handsprayer systems for rapid application
- Proven to be far more effective than traditional tack coats
- Dries at temperatures down to 5°C, to extend the working season
- EnviraPac liner to allow recycling of tin and reduce disposal costs



Clear



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## PREPARATION:

### SURFACE PREPARATION:

The application surface should be sound and clean, free from grease, oil, rust, scale, dirt, or any other soiling that might affect adhesion or performance. In any case, but especially in the case of overcoating existing line markings, it is further recommended that test areas be coated to ensure good adhesion and/or compatibility with the substrate.

Concrete and other cementitious surfaces – including powerfloat, tamped or brushed concrete, monoblocks and pavers – Ensure surface is sound, clean and free from laitance – we recommend a preparation method suitable for the specific location and surface is carried out before application of product, to ensure surface is properly prepared back to clean and sound substrate.

Examples of preparation methods that may be suitable are captive shot blasting, diamond grinding, scabbling or planing. It is critical that utmost attention is paid to cleanliness and good workmanship, whatever preparation method is used, as the presence of any loose material, dust, soiling or previous coatings are likely to reduce adhesion of new coatings.

New concrete should be left to harden before coating, as the curing process and residual moisture content can lead to product delamination if coated too early.

## MIXING:

### MIXING INSTRUCTIONS:

This product is supplied ready to use and need not be thinned. The product remains in suspension very effectively, but it is good practice to stir before use.

## APPLICATION:

We recommend the use of airless spray equipment as it allows fast application with minimum overspray. Standard lining spray tips can be used, but do not over-apply. Typical hole sizes would be 13 - 17 thou, with spray fan angle to suit application and line width.

However, rollers or brushes can be also be used if spray equipment is not available. Use a short pile roller - do not use foam heads as they tend to be affected by the solvent content. We recommend that in any indoor application to manually apply with roller or brush.

## CURING:

Touch dry:	5 minutes @ 15°C
Walk on time:	10 minutes @ 15°C
Traffic time:	20 minutes @ 15°C
Recoat:	30-45 minutes @15°C

## TECHNICAL:

### TYPICAL COVERAGE:

Area:	13 - 15m <sup>2</sup> per kg
Linear:	100m of 150mm line per kg

Film Thickness: 10 microns DFT

## AFTERCARE AND MAINTENANCE:

Uncured UniPrime X450 can be removed from tools and equipment using **UltraClean X792** or **UltraClean X795**.

## STORAGE AND PACKAGING:

### STORAGE CONDITIONS:

Storage area should be dry, protected from direct sunlight and extremes of temperature - i.e. between 5°C and 20°C.

### SHELF LIFE:

Minimum 12 months when stored under cover, in original unopened boxes, in accordance with Storage Condition guidelines listed above.

### SIZES AVAILABLE:

Supplied in 4kg or 14kg tin.

## HEALTH AND SAFETY:

Familiarise yourself with the material safety data sheets before using this product. If you need a copy please call our technical team on **023 9220 0606**.