

MANUAL SECTION	ISSUE DATE	AUTHORISED	REPLACES	PAGE
Flooring	Dec 2008		new	1 of 2

Unituff Waterbased Floor Coating

GENERIC TYPE:

A waterbased acrylic floor coating system. Unituff floors give a smooth satin finish with good wear resistance.

**TYPICAL PROPERTIES/
FEATURES:**

- Unituff is a floor coating system suitable for application to a wide variety of floor substrates including timbers and concrete.
- Advantage of being a **single** component product. Use straight from the can. **Waterbased system.**
- Unituff combines economy with film thickness to achieve that desired monolithic appearance.
- Good staining resistance to spills and scuffing.
- Interior / Exterior
- Very good abrasion and scuff resistance.
- Good flow properties to help even out imperfections.
- **Solvent free, no strong odour**
- Tolerant of application to a slightly damp surface.

Number of Coats:

Two

Working Time:

No mixing so very long pot life; read application section.

Odour:

Very low odour, No solvents (unmodified)

Cure Time:

Overnight at 20°C; full hardness 48hrs

Min. apply Temperature:

10°C

Shelf Life:

18 months in internal normal conditions

Heat Resistance:

35°C

Gloss:

Egg shell, not glossy

VOC's:

Less than 100 grams per lt. Green Star / LEEDS compliant.

Colours:

Unituff is available in many colours in the standard BS5252F colours (refer to Nuplex colour chart). Light Grey is standard. Special colours are available. Minimum order quantities may apply.

SUGGESTED USES:

Applications include:

- Retail shops and commercial applications
- Garage workshops – light medium duty
- Pathways
- Dairies
- Vehicle workshops
- Residential garages and workshops
- Studios
- Galleries
- Film sets
- Clothing manufacturing areas.

No warranty either expressed or implied or statutory is made by NUPLEX in this document except as expressly stated in any sale and purchase agreement entered into between NUPLEX and the buyer. CERTIFIED ISO 9001 REG. NO. 158
This document is a technical data information sheet. The description of the product or products and the properties of the product or products contained in this document is for the sole purpose of identifying the product or products and describing their property or properties and does not constitute a warranty that the product or its properties shall conform to that description; nor is the description of the product and/or its properties a warranty by NUPLEX that the goods are suitable for a particular purpose.

NOT RECOMMENDED:

- Application in areas without good air movement. The water in this product must be air dried out.
- Application below 10°C.
- Application to incorrectly prepared surfaces.
- Application to green concrete. Will tolerate damp concrete
- Application to unsound substrates.

CHEMICAL RESISTANCE:

Resistance to chemical spillage (cured 7 days at 25°C)

- Car Tyre oils – good
- General domestic chemicals
- Foods & Drinks

SURFACE PREPARATION:

Long term performance is all about surface preparation. Aggressive water-blasting or coarse sanding may suffice. More durable preparation of the concrete is by acid etching, shot blasting or grinding. Remove all concrete curing agents, contaminants and any other material likely to affect the adhesion of the Unituff.

Do not apply over existing coating without checking compatibility (compatible with most 2 component coating systems).

Timber: sand before application.

PRIMING:

Not usually required. Use Unituff thinned 15% with water if the substrate is very porous.

APPLICATION METHOD:

Normally do not thin, apply straight from the can. Thin 5% with water if the conditions are hot and dry and the product is rapidly drying. Roller or brush application.. Spread evenly using the appropriate method. Normally apply in two coats.

Caution: The product “tacks” up quickly. Work quickly to keep a wet edge. Avoid application in full hot sun for this reason. A good idea is to apply in the cool of the morning, then allow the heat of the day to dry and cure it.

Avoid rain or water on the surface until it is fully dry and cured.

If inexperienced, try a sample area for application and early water sensitivity.

DRYING TIME:

Unituff dries quickly when there is good air movement. Even in colder climates it will dry well but that cross ventilation is critical. Still, damp air will seriously delay drying.. Uneven application with thick roller lines will be very slow to dry in these conditions. Apply the product evenly and thinly. Three thin coats is better than two heavy coats.

SPREADING RATES:
(Theoretical)

Apply two coats at 8-10m² / lt / coat. Three coats may be applied if required.

CLEAN UP:
PACKAGING:

Water. (warmed with detergent is easiest) (difficult when dry).

10 lt pail

Colours: BS9095 light grey is standard. Any colour made on request.

However Nuplex only recommend light to medium toned colours.