

Product Data Sheet PDS7

Duturo Colourwash

1 Product Description

Duturo Colourwash is a water-based pure acrylic coating, used to overcoat Duturo. It aesthetically enhances Duturo by adding tonal variation, and can be used to create a more natural, stone-like appearance. It improves Duturo's physical properties by making it more durable and improving its solvent and stain resistance.

Duturo Colourwash is available in 6 standard colours (see *Duturo brochure* for colour range). These 6 colours can be applied over all 36 Duturo colours to create a multitude of different appearances. Bespoke colours can be created on request.

2 Properties

- Decorative as well as practical. Enhancing both the decorative and physical properties of Duturo coatings
- Quick and easy to apply, economically priced
- Water-based product with low VOC emissions and low odour
- Supplied ready for use on-site
- Pure acrylic polymer offering excellent physical properties including good UV resistance in areas exposed to direct sunlight
- Imparts improved stain resistance and cleanability to all Duturo coatings
- Viscosity 4500cP +/- 1000 cP
- Density 1.1Kg/L
- Dry Solids 31% +/- 1%

3 Health and Safety

All products in the Duturo range are water-based, non-combustible and have low VOC emissions. They are all non-hazardous; but in keeping with good working practices, avoid prolonged skin contact.

If contact with skin occurs, wash immediately with soap and water, as Duturo Colourwash is difficult to remove once it has dried.

4 Suitable Substrates

Duturo Colourwash is suitable to be applied over Duturo, which has been allowed to dry for at least 24 hours under good drying conditions.

Abide by the substrate recommendations as set out in '*Application Instructions For Duturo Product Range*'.

5 Applying Duturo Colourwash

Allow Duturo to dry for at least 24 hours in good conditions. If it is not firm to the touch, leave it longer.

Application is best achieved by a team of two people with one person rolling and one blotting the excess Colourwash off with a cloth.

Apply the Colourwash using a short pile roller. Starting at one end of the wall, have one person applying and the second person tamping off. Work fast, getting the whole wall covered but not trying to get a totally even coat as though you were painting.

The second person should, within a few minutes of the Colourwash being applied, tamp the wall with a lint free cloth to blot off the excess Colourwash and leave a mottled surface.

Spillage's, drips or runs must be dealt with fast as the Colourwash dries quickly. Use a damp cloth if necessary but this may leave a light patch on the finished work, which will need to be blended carefully.

A number of different effects can be created for the Duturo range by varying the application and tamping tools used. For these different effects a site mock-up is highly recommended.

(For full application details please refer to 'Application Instructions for Duturo Product Range'.)

* Please note

Good drying conditions referred to means good ventilation **and** air circulation. Using fans, even in warm conditions, will greatly accelerate hardening. In very damp or humid conditions, it will also help to use a de-humidifier. If heat is used, it should not be directed at the finish and must not be damp heat as is created by gas burners.

6 Testing Data

6.1 VOC Testing

Volatile Organic Content	117 grams/litre 1.0 lbs/gal
ASTM D3960-01 (Tests conducted by an Accredited American testing laboratory)	

6.2 Chemical Exposure

6.2.1 Solvent Resistance

ASTM D1308 (1hr open spot test)

	Initial	72 hrs later
Water	Slight softening	Recovers
Detergent	Slight softening	Recovers
Concentrated household bleach	Slight softening	Recovers
White Spirits	Slight softening	Slight softening
Concentrated Flash all-purpose cleaner	Slight softening	Recovers
De-Ionised water	Slight softening	Recovers
Vinegar	Slight softening	Recovers

6.2.2 Stain Resistance

ASTM D1308 (1hr open spot test-cleaning with diluted Flash all-purpose cleaner)

Water	No visible stain
Coffee	No visible stain
Tomato Sauce	No visible stain
Mustard	No visible stain
Butter	No visible stain
Fruit (cut apple)	No visible stain
Olive oil	No visible stain

All solvent and stain tests were conducted under laboratory conditions using DT-D317 (DCW 0055) test panels, which had been allowed to dry for 7 days.

It is important to note that repeated exposures to any of the above contaminants may overtime cause the products' appearance to alter.

When cleaning surfaces use soft rags or sponges and a mild cleaning agent. If stains or marks persist please contact the Armourcoat Technical Department.

7 Coverage Rates

Coverage rate approximately 12-16 m²/kg.
 One unit will cover approximately 70 m² (700 sq feet).

8 Storage

Duturo Colourwash has a shelf life of 12 months under good storage conditions. Protect from frost.

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