

PRODUCT INFORMATION

COLOURPLUS

Slip Resistant Coloured Coating

Description

Colourplus is a single pack high build surface coating incorporating a UV stable modified acrylic resin. The material has been specifically designed to provide a versatile coloured demarcation system for use in lightly to moderately trafficked areas such as cycleways, school safe routes, pedestrian walkways, ramps, car parks, factory gangways, central reservations, designated areas in retail parks and many other areas requiring colour demarcation in combination with effective friction for vehicular and underfoot safety.

Uses

Roads, carparks, cycleways, walkways, driveways, central reservations, airports, docks, factories, parks, playgrounds, footbridges.

Benefits

- Instant brightly coloured surfaces
- High level of friction to reduce skid/slip
- High opacity
- Excellent adhesion to most surfaces
- Full range of vivid UV stable colours
- Easy to apply
- Fast drying
- Spray, roller, squeegee or brush application
- Resistant to petrol or diesel spillage
- Low cost
- Lead Free



Technical		
	Roller	Spray
Specific Gravity (kg/l) (t/m ³)	1.50	1.35
Flash Point °C (closed cup)	+5	+5
Spread Rate (m ² /kg) *	0.8-1.6	1.2-2.0
Hardening at 20° Tack Free (mins)	20	20
Open to Traffic (hrs)	2	2
Skid Resistance Value (SRV) min.	55	55

* Dependent upon texture and porosity of surface.

Colourplus, whilst imparting its own good friction properties, has little detrimental effect on any existing SRV's when applied to textured surfaces at the recommended film thickness.

Colours

Colour	BS 381C Ref.	RAL	PMS
Bold Red	564	3020	186
Venetian Red	445	3009	180
Orange	NA	NA	151
Lemon Yellow	355	1023	116
Yellow Green	NA	6018	361
Deep Chrome Green	267	6002	350
Grass Green	218	6010	575
Strong Blue	107	5015	2945
Signal Blue	NA	5005	294
Sky Blue	NA	5012	299
Violet	NA	NA	265
Fawn	NA	NA	727
Dark Admiralty Grey	632		430
Graphite Black		9011	Black
Traffic White		9016	White

Colour references are approximate. Please ask us for actual colour swatches before ordering. Special colours are available on request subject to a minimum order quantity and a formulation charge.

Surface Preparation

Surfaces must be clean and dry. The road surface temperature should be between +5°C and +25°C. Sweep or blow off all dust and deleterious material. If necessary for removal of moisture, traces of oil and other contamination, the careful use of an HCA lance is recommended. Traces of oil will affect drying time, adhesion and final appearance. Oil contamination should be washed using detergent before HCA lancing. De-icing salts will adversely affect adhesion and should be thoroughly washed away.

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Asphalt (includes all bitumen-based substrates) - Colourplus adheres to asphalt through solvent fusion. As a result, the application of Colourplus can result in softening or bitumen bleed. If softening occurs, the asphalt should harden again over time dependent on road surface temperatures (higher is better). Apply Colourplus in two thin coats (not overworking if applying by roller or squeegee) and allowing a long drying time between applications.

Concrete - Colourplus adheres well to concrete where it can be shown that the surface is absorbent and free from laitance. Sealed and or power floated concrete should be shot blasted and then primed with Adbruf Primer C prior to overcoating.

Exposed Aggregates (concrete and asphalt) - Worn concrete or asphalt showing exposed aggregates should be treated with Adbruf Primer C.

Block Paviers - Results of coating block paviers are variable. The use of Primer C is advisable. For all substrates, the applicator should first ensure that Colourplus is suitable by conducting a small trial.



Product Application

Colourplus is self-priming on all substrates normally encountered within the specified application areas. However, highly porous surfaces may require two coats to achieve desired film thickness. Unusual surfaces may require pre-treatment - please see above regarding exposed aggregates. Where Adbruf Primer C is recommended, the application of Colourplus should be made whilst Adbruf Primer C is still tacky. The primer should not be allowed to harden as this impairs adhesion.

Do not apply to thermoplastic road markings or thermoplastic (hot applied) surfacing materials, as this may cause irrecoverable softening.

The high friction properties of Colourplus are conferred by the inclusion of selected fine aggregate. Some settlement may occur upon storage. It is essential to ensure thorough mixing prior to use. This is best achieved by up-turning the container overnight and stirring within the drum thoroughly before use. Do not add thinners, solvents or other materials.



Roller Application - A 25mm pile roller or foam squeegee is recommended. Apply to the surface using even pressure and ensuring good distribution of the material at the recommended coverage. Small areas, such as dressing into edges and corners can be applied by brush.

Spray Application - A spray applicator such as a Titan Speeflo 6900 airless system can be used fitted with 0.035 - 0.041 thou spray tip at 2000 psi. Diaphragm type pumps should not be used. As with all sprayed materials, care should be taken to avoid overspray and the operator should wear protective clothing in accordance with the Safety Data Sheet. Where Colourplus is to be overlain for the incorporation of symbols or a higher film build is required, ensure that it has fully dried. Thermoplastic markings can be applied over Colourplus.

Clean tools and equipment with Bitex Cleaning Solvent immediately after use.

Aftercare

Colourplus can be cleaned by using a detergent and clean water and a yard brush, rinsing with clean water afterwards.

Packaging & Storage

Colourplus is supplied in 25Kg drums. Store under cover in dry, well ventilated conditions. To ensure optimum application properties, Colourplus should be stored at room temperature prior to use. Shelf life is normally 12 months.

Health & Safety

Colourplus is a flammable petroleum mixture and should only be used in areas with good ventilation.

Keep away from sources of ignition.

No smoking.

Observe Petroleum regulations.

See separate Safety Data Sheet

Published December 2009

ADBRUF

Adbruf Ltd. Gibbs Marsh Trading Estate,
Stalbridge, Dorset DT10 2RX United Kingdom
Tel: +44 (0)1963 362640 **Fax:** +44 (0)1963 363762
Email: sales@adbruf.com **www.adbruf.com**