



BITUCOLOUR

HEAVY DUTY 1K Solvent Based Colour for Bitumen & Concrete

GENERAL DESCRIPTION

BITUCOLOUR is a highly durable, non-skid, solvent based fast dry coloured coating designed for brush, roller and spray application to asphalt, concrete and masonry traffic ways. It is also suitable for decorative stencil application over exiting driveways and is available in a range of colours.

BITUCOLOUR is quick dry and equipment clean- up is very easy as the dried coating will re-dissolve in its own reducer or simply by soaking with further wet product.
Re-coating can be done after 2 hours, inter-coat adhesion is excellent, with unlimited pot life.

PHYSICAL CHARACTERISTICS

Colour	See colours available below
Appearance	Viscous liquid
Viscosity	7.5 to 8.5 poise @ 25C
Density	0.95 to 1.10 (depending on colour)
% volume solids	48%
% weight solids	56%
Vehicle solids weight	50%
PVC	57%
Slip resistance	Static coefficient of friction = 0.88 (dry) = F rating Probability of slip (dry) = very low British pendulum = 51 (wet) = W rating Probability of slip (wet) = low

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USES

BITUCOLOUR can be used on Bus lanes, Cycleways, Bus Parking Bays, Play Grounds, Car Parks, Private Driveways and general Masonry and Concrete areas.

BITUCOLOUR can also be used as a coloured coating on residential streets, footpaths, kerbing, median strips, roundabouts and concrete, asphalt/ bitumen and masonry driveways and will protect against moisture penetration & UV, creating a renewed decorative surface resistant to ultra violet rays and rainfall. These two factors are the major cause of pavement failure. **BITUCOLOUR** will also enhance the overall look of the existing pavement making it look brand new again.

BITUCOLOUR may also be used on bare timber decking, verandahs and boardwalks etc. The first coat acts as a primer and subsequent coats will deliver the desired film build.

FILM BUILD AND SPREADING RATES

BITUCOLOUR is 50% non- volatile which means that if the applied wet film thickness is 200µm, there will be a dry film thickness of 100µm.

The application rate generally varies from between 2m²/L on heavily oxidised pavements or open grade type pavements to 6m²/L on smooth surfaces. It can be applied in layers to build up to a specific film build if required or it can be applied in one or more coats. For optimum durability, it is recommended that 3m²/L is applied to asphalt and 6m²/L is applied to concrete.

Spreading Rate	Wet film thickness	Dry Film Thickness
2m ² /L or 0.5L/ m ²	500µm	250µm
4m ² /L or 0.25L/ m ²	250µm	125µm
6m ² /L or 0.17L/ m ²	170µm	85µm

SKID/SLIP RESISTANCE

Skid and slip resistance is dependent upon the friction that occurs between the contact surface of tyres and shoes and the pavement. Generally speaking, the coarser the pavement, the greater the skid resistance.

BITUCOLOUR can be specially formulated to have maximum micro (added) texture and when combined with the macro texture of the pavement will give optimum skid resistance. On fine pavements, care should be taken to avoid high film builds that may overcome the macro texture of the pavement.

STIRRING OF PRODUCT BEFORE APPLICATION

If planning to roll apply, it always best to stir in can slowly using a broad flat mixing spatula, or if using a power mixer operate on lowest possible speed to avoid introducing excessive air into material.

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APPLICATION

BITUCOLOUR is supplied ready for use for most application methods, however when rolling and spraying it is best thinned as required (10-20%) with **CC Reducer** which may also be used to clean up equipment. One or two coats may be applied as required. **CC Retarder Reducer** may be used on hot pavements to slow down the drying time and maintain a "wet edge" to assist with lapping. 10 -20% retarder is generally sufficient in hot conditions.

BITUCOLOUR is brush, roller, or spray applied onto existing pavements and becomes an integral part of the paving material. It will form a strong bond and does not alter the physical characteristics of the substrate. The recommended tip size for airless spray is between 0.018" and 0.032" depending upon the desired flow rate. When using a roller it is important to use a Short Nap (5mm), preferably a FOAM roller generating less aeration (bubbles), than mohair or similar. If larger surface area to be rolled it is recommended to use the **CC Retarder Reducer**, which slows down drying allowing longer wet -edge with lapping and also assists dissipation of solvent/aeration bubbles from wet film.

BITUCOLOUR is specifically designed to apply a coloured material onto existing bitumen or concrete surfaces. The material itself is highly compatible with those used in bitumen road surfaces which ensures an excellent bond.

PREPARATION

Surfaces must be clean and dry. Small amounts of residual dust and grit will be bound up by the **BITUCOLOUR** however, for best results, all loose and flaking material must be removed. The surface must be dry or delamination may occur.

REPAIRS AND RECOATING

Because **BITUCOLOUR** is fast dry, it is very easily recoated and repaired.

BITUCOLOUR also has the unique ability to be applied over existing coloured pavements including epoxy and water-based systems in cases of trench work to repair electrical or sewer lines etc. If unsure about adhesion and integrity of existing coatings, always do a test section first before launching into the job.

DRYING TIME

BITUCOLOUR has been specially formulated to enable penetration yet set quickly enough to permit traffic a short time after application.

BITUCOLOUR is touch dry in 20 minutes @ 25°C and 50% humidity. Generally, it takes between 2 – 3 hours to fully cure depending on weather conditions, road temperature and the application rate. The pavement must be dry and clean for the material to absorb properly. Weather limitations are only rain. It can be sprayed during day or night work. Do not apply below 10 degrees.

NO PICK- UP TIME greatly depends on film builds and weather conditions. **Traffic-ability** can be from 5 to 20 minutes ie, once it is touch dry, there will be no pick- up on tyres or shoes.

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HEALTH AND SAFETY

- Being a solvent based product, breathing its vapours is to be avoided.
- Use only in well ventilated areas.
- FLAMMABLE Do not use near naked flames or ignition sources.

PACK SIZES

Available in 20L pails or 205L drums. Special packaging can be arranged on “make to order” quantities. Steel containers are recyclable provided they are empty and any residual product is dry.

COLOURS

Colours available are *Uluru Red, Homestead Red, Jade Green, Acacia Yellow, Cream Sandstone, Charcoal Black, Revesby Blue, Bone White, Walnut Brown and Sunset Marigold.*

Note: Virtually any colour can be made to order for larger projects . The minimum order quantity for special colour is 400 Litres.

AS2700 Name	AS2700 No.	Our Name	Colour suitable for
Terracotta	R52	Uluru Red	Bus Lanes
Venetian Red	R62	Homestead Red	Bus Lanes
Shamrock	G23	Jade Green	Cycle ways
Charcoal	B64	Charcoal	Obliterating
Bluebell	B41	Revesby Blue	Disabled parking bays
Golden Tan	X53	Sunset Marigold	
Coffee	X52	Cream Sandstone	
Wattle	Y12	Wattle	Line marking
Off White	Y35	Bone White	Line marking
Brown	X54	Walnut Brown	
Pale Ochre	X21	Acacia Yellow	

For specific product advice, please contact technical sales support at:

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Ph: 03 9887 0422

Email: enquiries@crestcormix.com.au

Important Notice

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