



TECHNICAL & PRODUCT INFORMATION

MULTIPRIME COLOUR BASE

DESCRIPTION

Multiprime **COLOURBASE** is a stain coating, developed for the decoration and partial protection of softwood and hardwood joinery. **COLOURBASE** is an acrylic resin base coat with high penetration of timber, high adhesion, with protection against mould, fungi and blue-stain. colourbase may be applied by brush dip, vacuum machine or flow (flood) coat process.

CHARACTERISTICS

Colour base is essentially a factory applied stain. A highly penetrating and free-flowing coating. Colour base provides:-uv resistance -microporous barrier -translucency

- low odour—environmental safety - easy clean
- non flammable mould and fungi protection .
- Timber sealing action

SPRAY APPLICATION

Using conventional air-assisted. Apply Colour base to the entire surfaces of the timber, allowing adequate drain-off of all excess primer. The timbers should be allowed to dry ,either naturally or by means of air-circulated drying ovens. Automated conveyor spray systems should allow for drainage of excess primer to take place by arranging timbers to drain at an acute angle as they traverse through drying ovens. Rag wiping may also be employed.

FLOW-COAT APPLICATION

As for spray application. Occasional monitoring of any pumped or re-cycled primer should be made in the event of excess foaming occurring. However, a highly efficient anti-foam system is incorporated within Colour base. Foam suppressants may be obtained(if required) from Shield Coatings.

DIPPING

Always keep the dip tank agitated to avoid any settling out of pigments and ensure the tank is covered when not in use. Excessive evaporation will lead to colour/shade variation if the level is not maintained.

PHYSICAL DATA:

DURABILITY: UP TO 6 MONTHS (UNPROTECTED)
COLOUR: ALL WOOD SHADES
SPECIFIC GRAVITY: 1.01 - 1.03
VISCOSITY: 14-16 seconds Zahn Cup
SOLIDS CONTENTS: 20% +/- 2%
FLAMMABILITY: NON-FLAMABLE
CLEANER/DILUENT: WATER
COVERAGE: APPROX 20SQ.M PER LTR
CONTAINERS: 5L and 20L

USES

Colour base may be used both for internal and external applications on softwoods, plywoods, blockboards windows and cladding. Colour base, when dry may be stained, painted, varnished or lacquered and is compatible with most conventional coating systems and paints*. Colour base is a versatile coating and should be considered for such applications as :

SPRAY, DIPPING, BRUSH, FLOW-COAT and RAGGING
Colour base is fully microporous, and should be used in conjunction with microporous top coat systems, either waterborne or solvent borne systems*

PREPARATION

All softwoods should be preservative treated by an approved vacuum treatment process. Allowing all treated timbers to dry thoroughly, with adequate air circulation around all treated timbers. Applying to solvent damp timber will slow down the rate of drying. Colour base should not otherwise be affected. **Colour base is not compatible with water repellent vacuum preservative treatment.**

Avoid the use of resinous timbers. Resin will 'bleed' through Colour base and any subsequent top coats.

APPLICATION

COLOURBASE IS HIGHLY STABLE IN THE WET STATE WITH MINIMUM SETTLING. HOWEVER BEFORE USE AND AFTER LEAVING STANDING FOR LONG PERIODS. ALWAYS STIR THE CONTENTS OF THE CONTAINER OR AGITATE THE TANK . DO NOT apply in temperatures of less than 8c

***ALWAYS TEST FIRST FOR COMPATIBILITY - IF IN DOUBT. ALTERNATIVELY, CONTACT SHIELD TECHNICAL SERVICES FOR FURTHER ADVICE. TEL: 01484 428858**

This data sheet provides product data, advice and guidance only. It does not constitute a specification.