SPRAYABLE BLACK BACKING PAINTS AND CLEAR OVERCOATS/BINDER SYSTEMS

SPB100 and SPB300

CC100 and CC300

BLACK BACKING PAINTS

Two water-based, TLC-compatible, sprayable black-backing paints are available. Both adhere well to most surfaces and can be modified to give matt or gloss finishes by varying the coating thickness.

SPB100 - For use in air (not under water).

SPB300 - Dries to give a good degree of water-resistance.
Can be used in underwater studies for limited periods of time.

CLEAR OVERCOATS/BINDER SYSTEMS

Two aqueous binder systems are available for addition to SLN40 Series TLC slurries to enable the customer to make finished coatings. The products can also be used as clear protective over-varnishes.

CC100 - Acrylic system for manufacture of SPN100 Series coatings.

CC300 - Acrylic system for manufacture of SPN300 Series water-resistant coatings

PACK SIZES

250g and 500g

GUIDELINES FOR USE

The following instructions are a guide to provide the user with a starting point from which to optimize the application techniques (coating thickness, etc.) specific to their needs. Minimum surface application and drying temperatures of 20°C are required for best results throughout

SPB100 and CC100 (as an over-varnish)

1. Spray through air-brush/spray gun 15-20cm above the surface. Pressure approximately 20psi/1.41kgcm^{-2}/1.3bar.
2. Drying times at 25-30°C are 30-40 minutes. These can be shortened by gently blowing warm air.
3. Surface texture depends on coating thickness. Thin coats are matt and slightly rough. Thicker coats flow together more and give smoother, gloss finishes.
4. The dry coating can be removed by washing with hot, soapy water.

SPB300 and CC300 (as an over-varnish)

1. Spray through air-brush/spray gun 20-25cm above the surface for a gloss finish, and 35-30cm for a matt finish. One heavy coat gives the best gloss finish and several light coats give the best matt finish. Pressure approximately 30psi/2.11kgcm^{-2}/2.0bar.
2. Drying times at 25-25°C are 20-30 minutes. A minimum drying temperature of 20°C is required.
3. A continuous unbroken coating is necessary for best water resistance. The coating must be completely dry before immersion. Pin holes in the dried coating surface allow water to get beneath the coating and cause it to lift.
4. Removal: either Scrub vigorously with hot, soapy water or wash with acetone.

NOTES

a) All equipment (e.g. spray gun, containers, etc.) should be washed with hot, soapy water immediately after use.
b) The coatings will separate to some extent on standing, and should be mixed thoroughly before use.
c) Store at 20-30°C. DO NOT FREEZE.
d) All coatings can be diluted with water.