

SM4006-UV

Acrylic Polyurethane Clear Topcoat

DESCRIPTION & USES Acrylic Polyurethane two component NON-YELLOWING clear that can be used to both seal and topcoat. This 'water white' product has excellent non-yellowing characteristics making it ideal for application on light timbers/woods, man-made veneers and for use in making and over-coating metallics/pearls. Furthermore this product provides protection to the substrate from colour change due to UV light exposure with UV inhibitors added in the manufacturing process. SM4006 provides good surface hardness, good moisture resistancy, very good smoothness to the touch and good covering power.

Recommended Application: For use over sealer SL4340UV & SL4355UV. Furniture, joinery, shop-fitting, wardrobe and kitchen and vanity doors/benchtops, commercial interiors.

UV Prohibitor Spec: This special version of SM4006 is supplied with UV Prohibitor (benzotriazole, triazine UV absorbers & HALS) designed to improve the UV resistance and reduce the discolouration/yellowing of timber veneers (natural, dyed and reconstituted). UV-Absorbers prevent the breakdown of both the coating and the substrate by filtering out the UV rays. HALS stabilizers act as radical scavengers, significantly reducing the effect of UV exposure to both the coating and substrate.

DRY FILM PROPERTIES

Colour: Clear
Gloss: 5%,10%, 25%, 30%, 60% ,90% (For **high gloss** use SC4220UV)

WET PROPERTIES

Solid content: 23% (approx)
Viscosity in drum: 28-34 seconds Ford Cup 4 @ 20°C (approx)
Shelf life: 12 Months in sealed containers

APPLICATION

Method: Spraying conventional
Mixing Ratio: 5 parts SM4006-UV to 1 part SV4310 hardener
OR
 10 parts SM4006 to 1 part SV0303 hardener (higher build – subject to availability)

Thinning: THIN4230 or THIN4000 at 20%-40% of part A (Depending on the type of equipment used) In hot conditions NT573 can be added

Drying: Dry for stacking: 5-6 hours at 20°C or 80-90 minutes at 50°C

Pot Life: 24 hours (approx)

Application weight: 100 - 140 g/m2

FOR INDUSTRIAL USE ONLY Data shown are mean values and cannot be construed as product specifications. Users are advised to make their own tests to determine the suitability of products for their own purposes.

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