

17-0865

Interior Opaque Topcoat

Satin-Gloss

15-25 GU / % at 60°



PRODUCT DESCRIPTION

Water-based, fast-drying satin-gloss interior topcoat for opaque finishes. Formulated with a polyurethane-acrylic dispersion for excellent durability, scratch resistance and resistance to common household chemicals. Intended for domestic interior joinery, including furniture, kitchens and trim work. Suitable for common timber species such as pine, oak, MDF, tulipwood and ash.

TECHNICAL DATA

Viscosity	Approx. 90 sec. DIN Cup 4	at 20°C
Density	1.18	Kg./dm ³
Flashpoint	Not Flammable	Method: Calculation
Solid content	35	% by volume
Theoretical spreading rate	0%	0
Storage stability	12 months at	>5°C - 35°C, low R.H

APPLICATION METHOD

Spray - Air Assisted, Airless, HVLP or Conventional. Can be brushed but may require minor adjustment.

PRODUCT PREPERATION

Ready for use - stir thoroughly before use. Paint Temp >15°C.

ADDITIONAL INFORMATION

Additional Info - Although our recommended method of application is AAA spraying, conventional spraying such as the use of a gravity fed pot gun can be conducted with a 2.0 - 2.5mm fluid tip. It may be necessary to thin down the coating to get good flow through certain apparatus. Do not thin by more than 10%, start thinning at <5%.

RECOMMENDED NO. OF COATS:	1+
REQUIRED WET FILM THICKNESS:	100 - 125µm
MAXIMUM WET FILM THICKNESS:	150µm

SUBSTRATE PREPERATION:

Suitable for all commonly used timber species. Timber moisture content should be between 12 and 16%. The substrate must be clean, dry and free from dust, dirt, grease, silicone and wax prior to sanding. For further guidance and information see additional information on Page 2.

OTHER INFORMATION:

Cleaning	Clean tools and equipment with warm water or Glycol
Thinning	Avoid if possible, water if needed
Storage	Frost free, good airflow, not in direct sunlight.
Shelf Life	Up to 12 Months
Safety Info	Please see Safety Data Sheet
VOC content	48 g/l

MAIN PROPERTIES

Fast Drying
High resistance to scratch, abrasions, & common household cleaners
Low VOC and odourless
High elasticity & Flow

MINIMUM RECOMMENDED SETTINGS

Air Assisted Airless (AAA)

Minimum pump size 15:1

Fluid Pressure:	30 psi @ 30:1
Air Assistance:	20 psi @ 30:1
Tip Size (Thou.):	8 to 10
Filter size	200

Airless

Fluid Pressure:	Approx. 1000 psi
Tip Size (Thou.):	10
Conventional	
Fluid Pressure:	Compliant
Tip Size (mm):	1.8 - 2.5mm

DRYING TIMES

Drying at : 20°C and relative humidity of 65%

Dust free	:	45 Mins
Handle	:	2 Hours
Sanding	:	2 Hours
Overcoat	:	3-4 hours
Stack	:	12-24 Hours

Drying and Curing Conditions:

Maintain a minimum temperature of 16°C throughout drying and curing. During the initial critical drying phase, ensure at least 18°C, humidity ≤65%, with good air circulation.

* Additional use of catalytic IR heating can speed up drying process if applied after dust free period.