

# EM1157-WITH UV PROHIBITOR

## LOW VOC Waterborne Satin Clear

**DESCRIPTION & USES** One component, clear waterborne multicoat lacquer for use on furniture and fittings of most woods. This waterborne lacquer gives good chemical resistance, is fast drying and provides for easy sanding. EM1157 is 'self sealing' and has very good transparency over dark coloured substrates, highlighting the natural colour and grain of the substrate. With a VOC content of 60.976g/L it makes EM1157 suitable for use in sensitive environments or on projects with emissions restrictions or low VOC requirements such as IKEA TVOC demands. EM1157 is not designed for use in high wear or wet/moist areas, if required use Two Pack Waterborne (Low VOC) AFL5916/00 or AFL8004/00 or AF60\*\*/A0 – please refer to your technical representative.

**Recommended Application:** Wall panelling, furniture, joinery, shopfitting, wardrobe doors, commercial interiors.

**UV PRO SPECS:** This special version of EM1157 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:** Satin 25%

### WET PROPERTIES

**Solid content:** 32 ±1  
**Viscosity in drum:** 60-70 seconds DIN 4 test performed at 23°C  
**Shelf life:** 12 Months in sealed containers  
**Frost Sensitive:** Yes. Do not store or use in temps below 5°C. Stir well before use  
**VOC Content:** 60.976 g/L (5.92% from analysis ISO 11890-2:2006 gas chromatographic method)

### APPLICATION

**Method:** Spraying  
**Mixing Ratio:** N/A  
**Thinning:** Dilute with water if necessary  
**Pot Life:** N/A  
**Application:** 80-100 (g/m<sup>2</sup>)  
**Drying:** Forced drying: 5-10 minutes at 50-55°C  
 Air drying: 20-30 hours at 20-25°C  
 Sand the first coat to eliminate grain raising

**NOTES** Sand the substrate well before coating  
 Good ventilation is required for all types of drying

**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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