



## **Data sheet - 17-0659 Ankolux Translucent Topcoat Semi-gloss**

### Description

Water-borne translucent high-build finishing coat for spray application. Primary use - timber windows and doors.

### Substrate and Preparation

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. Follow the appropriate Anker Stuy coating specification for other system products such as primers and end grain sealers.

### Application Conditions

During application and for at least 10 minutes afterwards we advise a temperature between 15 and 20°C and a relative humidity of 60-70%. Do not apply below 8°C ambient and surface temperature and a relative humidity above 85%.

### Spray Equipment settings

- Fluid Pressure : 100-150 Bar
- Air assistance : Approx 1 Bar but not greater than 2 Bar.
- Nozzle Size : 0.028mm to 0.033mm (11-13 thou)

Although our recommended method of application is air assisted airless spraying, conventional spraying such as the use of a gravity fed pot gun can be conducted with a sufficiently large nozzle such as 2 to 2.5mm. Spray through this apparatus at 2.5-3.0 Bar. It may be necessary to thin down the coating to get good flow through the nozzle. Do not thin by more than 10%.

### Film thickness

150-170µm wet film thickness. The values given refer to undiluted material.



## Drying Times

For a 150µm wet film layer thickness at 20°C and relative humidity of 65%

Dust dry : 1 hour

Re-coat time : 4 hours

Drying requires good air movement and removal of humid air from confined spaces. A light de-nib is recommended between the first and second coat of material. De-nib with a P280-320 abrasive and remove sanding dust between coats.

## Thinning and cleaning

Thin with clean water. Clean tools with warm water.

## Special information

This product has excellent adhesion to bare timber and can be used as the priming and finishing coat. With dark colours however there can be a patchy appearance unless the film build is very even over the whole item. For this reason, we would recommend that the priming layer should be a coat of our 16-0200 base stain in a strong colour followed by two layers of the 17-0659 topcoat in a lighter colour that complements the base stain layer.

## Storage and shelf life

For the best extension of shelf life store in a cool environment. Ensure product is kept frost free. We recommend all stored products are used within 1 year of purchase. Anker Stuy can take no responsibility for storage issues.

## Safety information

For more information, see the safety data sheet of this product.

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### Disclaimer

The information given in this technical data sheet is only a general product description, based on our experiences and tests and therefore does not represent a specific practical case. Consequently Anker Stuy Coatings doesn't guarantee the functionality or result and takes no responsibility in this respect. We advise our clients to test the applicability of the product to the nature and the state of the surfaces and to carry out the necessary representative tests in case of doubt. Please contact our R&D department as the occasion arises. Attention: our clients should verify whether the present technical data sheet hasn't been replaced by a more recent version.

