



Data sheet - 17-0645 Hydrolux Topcoat SM

Description

Water-borne semi-matt opaque high-build finishing coat for spray application. Primary use for 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 : As required 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. It may be necessary to thin down the coating to get good flow through such apparatus. Do not thin by more than 10%.

Film thickness

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

Where a large colour change from our standard white primer is required we suggest using our primer/midcoat in the appropriate colour to enable the job to be completed using one layer of top coat.



Drying Times

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

Dust dry : 30 Minutes

Dry to handle : 120 Minutes

Drying times can be greatly reduced if drying conditions are warmer and less humid. Refer to Anker Stuy coatings UK for more details. Lower temperatures, poor air exchange and high humidity will delay drying. Incorrect drying can lead to surface defects, issues with moisture uptake through coatings and possible problems with extractive staining.

Thinning and cleaning

Thin with clean water. Clean tools with warm water.

Special information

This product is particularly suitable for force drying with high temperature and low humidity. A full three coat system with two layers of Hydrolux Primer/Midcoat and a layer of Hydrolux Topcoat can be applied very easily in one working day.

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.

