



Data sheet - 17-0695 Ankolux Woodcoat

Description

Water-borne opaque or translucent woodstain stain for application by spray. Ideally suited as a coating for cladding and timber buildings, but also suitable as a coating for windows and doors when used with the correct priming system. Provides a low sheen finish that resists peeling and flaking when applied at the correct film build.

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 : 100-120 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

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



Drying Times

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

Dust dry : 1 hour

Dry to handle : 4-6 hours

Drying times can be 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 can be applied directly to bare timber and does not require a primer. It is highly advisable however to use our 17-0678 Ankolux Iso Primer when applying the translucent version of the Woodcoat to oak items. This helps prevent tannin staining in the grain of the timber. If the 17-0678 is used as a primer apply two coats of the Woodcoat. If no primer is required apply two or three coats of the Woodcoat depending on the substrate. The Woodcoat product may also be used as a topcoat product for windows and doors when used in conjunction with the correct primer or base coat systems.

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.

Issue Code: 17-0695 211220

Date: 21st December 2020

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.

