

GENERAL INFORMATION

Type of Product	Waterborne Oil
Area of Use	Exterior Joinery
Additional Information	Maintenance: Any damage arising during transportation or fitting should be repaired immediately to avoid moisture damages. Generally when showing deterioration the surface coating should be refinished.
Notes	H-FLEX OIL 166 is part of a system and subsequent application of primer and/or top is necessary. Due to a very good penetration, H-FLEX OIL 166 gives good protection against water up-take. This means that the risk of cracking and other damages is minimized.

BASIC MATERIAL PROPERTIES

Binder	Alkyd
Solid Contents	Approx. 32 % by weight
Density	Approx. 1,01 kg/l
Thinner	Water
Shelf Life	36 months in original, unopened package when stored following the storage conditions mentioned below. After the expiry date, contact our Technical Staff for an estimation of usability.
Storage Conditions	Between 15 and 25 °C under clean and dry conditions. Keep from freezing. Must not be exposed to temperatures below 5°C.

APPLICATION

Methods	Flowcoat / Dipping
Application Conditions	Between 20-25 °C for substrate, air and material at approx. 55 % R.H.
Application Viscosity	10-12 sec DIN cup 4 @ 23 °C
Cleaning	Water
Empty Packaging	Disposal according to local regulations.
Remarks	Dilution: 1 part by vol. H-FLEX OIL 166 : 5-9 parts by vol. water.

DRYING CONDITIONS

Thermal Drying	Temperature (°C)	20	40
	Time to (min)		
	Handable	60	30

The above drying times are valid on condition that the air circulation and the relevant humidity are suitably adapted to allow the water to evaporate gradually, so that they don't prevent the curing process. Should be cured at min. 20°C. To achieve best early water resistance drying temp. of 25-30 °C is recommended.

HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION

HSE Information See Safety Data Sheet for further information.

DISCLAIMER

For industrial use only.

Products from AkzoNobel Wood Coatings are exclusively produced for professional and industrial users, who have a basic knowledge of the handling and application of chemical/technical products for surface design. The processing instructions for reaching the qualities given in the leaflets should be regarded as non-binding recommendations and do not constitute any warranty. These recommendations are based on our experiences, including test series, and should facilitate and promote the work of our clients. Any potential deviation from ideal working conditions is within the responsibility of our clients and may affect the (end) result of the application. The purchaser is not relieved from his duties to inspect the product and its suitability for the surface to be processed, preferably through trial processing. If in any doubt as to the handling or processing of the purchased product, our material experts as well as our application and laboratory technicians will help you to the best of their ability. AkzoNobel, of course, guarantees an impeccable quality of its products in its product specifications, yet the use thereof lies entirely within the responsibility of the purchaser. As long as we have not guaranteed – in writing – the specific characteristics and suitability of a product for a contractually agreed purpose, any advice or information given regarding the application or handling, even if the advice or information is given to the best of our knowledge, will not be binding nor will it constitute a warranty. AkzoNobel's liability for the use of its products by its customers is limited in its General Sales and Delivery Conditions, to which the purchaser is hereby referred. The applicable version of the Technical Data Sheet for this product can be downloaded from our websites. Previous versions of the Technical Data Sheets are rendered void with the issue of a new one. Date of issue: 2015-11-25.

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H-FLEX OIL 166

