ATRELUX UV100

Dual Cure Hardening Oil Modified with Natural Fatty Acids

Specification:

Property	Range	Method / According to standard
Non-volatile matter	96 - 100%	AA KH 10-055-1
Viscosity, 20 ºC (4 mm)	40 - 60 sec.	AA HL 10-07-1
Colour (Lovibond)	max. 8	AA KH 10-053-0

Typical properties:

Property	Value
Density	1.08 kg/L
Functionality	4 (UV)
Bio-based content on solid	30%

Remarks:

- The resin contains 30% bio-based content derived from renewable, plant-based feedstocks.
- Atrelux UV100 has a very low viscosity.

Applications:

- Used for used for primers, top coats and fillers especially on wood applications, with very good
- adhesion on wood.
- It is suitable for application with roller in normal and reverse line.
- It has an oxidative drying mechanism – with max. 72 h drying time using siccatives and an UV hardening with Hg dotated lamps with 80 W/cm and 120 - 300 mJ/cm^2 dosage.

Storage:

The resin should be stored indoors in its original, unopened and undamaged container in a dry place at storage temperatures between 5 °C and 35 °C, for up to 6 months. Protect from freezing and avoid exposure to direct sunlight.
Only light/UV-impermeable containers are suitable for transport, while storage in iron containers and the accumulation of electrostatic charges should be avoided.

Disclaimer
This data is based on experience, for its completeness, we assume no liability. As we take no influence on the processing, it lies within the obligation of the customer to test, whether it is suitable for the intended purpose, before using the product. Any change in the processing procedure, the environmental conditions or the failure to comply with instructions may unfavorably influence the result. This Technical Datasheet is available on our website at www.helios.si. Should there be any discrepancies between this document and the version that appears on the website, then the version on the Website will take precedence.