

NORDICA EKO 3894-82

Primer / Intermediate / Topcoat

NORDICA EKO 3894-82, a water-borne, industrial primer/intermediate and topcoat for exterior wooden cladding.



TECHNICAL DATA

Fields of application	Cladding boards
Recommended substrate	Hardwood, Softwood
Solids	30-44% by weight depending on gloss and colour.
Volatile organic compound (VOC)	Approx. 34 g/l (DIRECTIVE 2010/75/EU) The VOC value provided is the average value for factory produced products, and consequently it will be subject to variations between individual products covered by this Technical Data Sheet.
Theoretical spreading rate	5-6 m/l ²
Colours	Base 1 and base 3 (white and opaque colours).
Tinting system	Teknocolor
Gloss (60°)	Semi-matt
Density	1.03-1.22 g/ml depending on gloss and colour.
Storage	Storage temperature is +5°C - +30°C. Shelf life in unopened containers: See "Best before date" on the label. Keep containers tightly closed after use.
Packaging	Available in a range of standard pack sizes.

DIRECTION FOR USE

Surface preparation	The wood must be free from wood dust and contamination. The moisture content of the wood should not exceed 18%. Pretreatment is required for wood substrates not meeting Durability Class 3, EN 350:2016. Teknos has a range of preservative products meeting the requirements of EN 599-1, please contact Teknos for further guidance.
Application method	Airless spraying, Air-assisted airless spraying, Brush machine, Brush

Application	Nozzle	Pressure	Air support
	Airless flat 0.28 mm	100-110 bar	
	Air assisted airless flat 0.28 mm	80-100 bar	1.0-1.5 bar

Application conditions

Stir thoroughly before use.

Optimum temperature for products and surroundings: +18°C - +22°C.

Optimum relative air humidity: Approx. 50%.

Film thickness rough, sawn, planed - brush machine or brush 2 x 100 µm wet.

Film thickness planed - spray application 200 µm wet.

Thinning

The product is delivered ready for use.

Drying time

+23°C / 50% RH

- dry to handle

1-2 hours

- fit for sanding and overcoating

2-3 hours

The drying times are approximate and may vary according to wood quality, temperatures, humidity, ventilation, and film thickness. The drying time can be reduced using special drying systems to force drying.

Coating system

NORDICA EKO 3894-82 is part of a coating system where the dry film thickness should be > 80 µm.

Is applied on untreated, primed or possibly intermediate treated parts. If the parts are exposed to the influence of the weather never use colourless as the final treatment.

Cleaning

Water.

HEALTH AND SAFETY

Safety and precaution measures

See safety data sheet.

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