



High Quality Woodcare Products
Industrial Finishes



UV Varnish

UV WATERBASE ADHESION PRIMER

PRODUCT DESCRIPTION

The UV WATERBASE ADHESION PRIMER guarantees an efficient adhesion between the wood and the UV VARNISH provides a strong cohesion of the coating layers and a good resistance of the film to flaking under mechanical stress.

RANGE OF APPLICATION

Industrial application for wood flooring and wood panels. Only for interior use.

SHELF-LIFE

1 year in closed original bucket. Keep away from heat and light.

WAREHOUSING

At 10 - 40 °C

TECHNICAL DATA

Extra component:	-
Mixing ratio:	-
Pot-life:	-
Density:	-
Viscosity:	-
Colors:	-
Solid content:	-
Gloss:	-
Thinner:	-
Coverage per coat:	10 - 20 g/m ² per coat
Coverage USA per coat:	-
Drying:	UV drying

DRYING

UV WATERBASE adhesion primer requires evaporation of the water in a hot air oven (30 seconds to 1 minute) before curing under a 120 W/cm UV lamp.

Only the 1150 base does not need a curing oven but only a single UV lamp.



APPLICATION

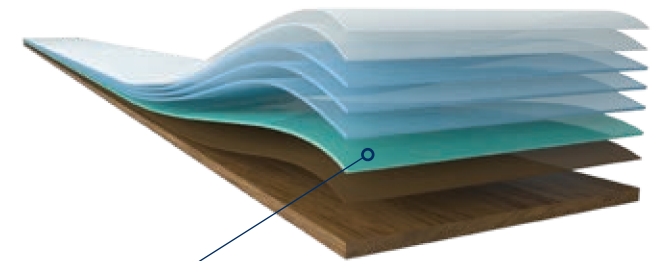
Preparation substrate:

Prepare the wood according the rules of the art and remove the sanding dust carefully.

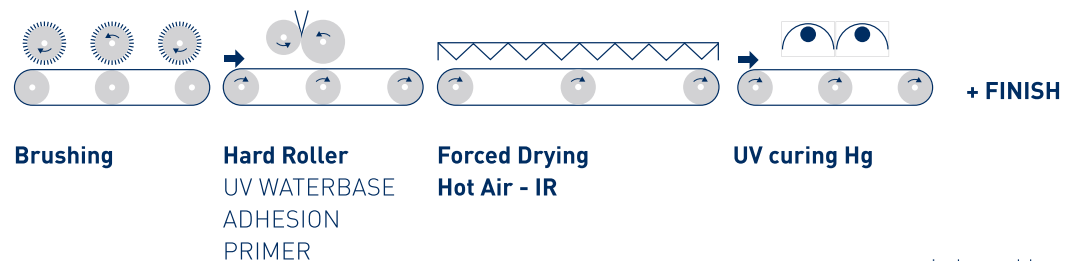
Processing:

- UV WATERBASED ADHESION PRIMERS needs to be applied with a roller-coating machine for weights from 10 to 20 g/m²

APPLICATION MATERIAL



WATERBASED ADHESION PRIMER



UV WATERBASE ADHESION PRIMER

PRODUCT	QUANTITY	DRYING	VISCOSITY mPas	COMMENTS
ADHESION UV PRIMER 1137	9 to 15 g/m ²	30 sec to 1 minutes in jet air oven	500-1000 mPas	Used for classic varnished aspects with a classic natural oak colour. Needs 30 sec to 1 min drying in a hot air oven.
ADHESION UV PRIMER 1139	9 to 15 g/m ²	30 sec to 1 minutes in jet air oven	500-1000 mPas	Raw wood oak look appearance. Very good adhesion on greasy, exotic and resinous wood. Possible to add WHITE PIGMENT 2024 0,5% to 1% for a more bleached raw wood look.
ADHESION UV PRIMER 1150	7 to 9 g/m ²	1 UV Lamp UV 120 w/cm	1000-1500 mPas	Standard wood appearance. Ideal for a finishing line without oven or when oven is used for staining. Requires only 1 UV lamp.
ADHESION UV PRIMER 5133	9 to 15 g/m ²	30 sec to 1 minutes in jet air oven	200-400 mPas	Raw wood oak look appearance. It's possible to add WHITE PIGMENT 2024 0,5% to 1% for a more bleached raw wood look. Fast drying time before UV lamp.

UV Varnish

UV PRIMER / SEALER

PRODUCT DESCRIPTION

UV PRIMERS are high performing primers, drying by Ultraviolet radiation, specially developed for the preparation of parquet floors before they are finished with an UV TOPCOAT. At the heart of the system, the primer will provide mechanical properties, such as hardness and resistance to abrasion. It's performance will therefore depend on it's chemical composition and the quantity applied.

RANGE OF APPLICATION

Industrial application for wood flooring and wood panels. Only for interior use.

SHELF-LIFE

1 year in closed original bucket. Keep away from heat and light.

WAREHOUSING

At 10 - 40 °C

TECHNICAL DATA

Extra component:	-
Mixing ratio:	-
Pot-life:	-
Density:	-
Viscosity:	-
Colors:	-
Solid content:	-
Gloss:	Depending the used UV PRIMER.
Thinner:	-
Coverage per coat:	10 - 20 g/m ² per coat
Coverage USA per coat:	-
Drying:	UV drying

PROTECTION

Needs to be finished afterwards with a UV TOPCOAT.

DRYING

UV PRIMER dries under 1 UV lamps 120 W/cm at a speed of 8 à 12 m/mn.

APPLICATION

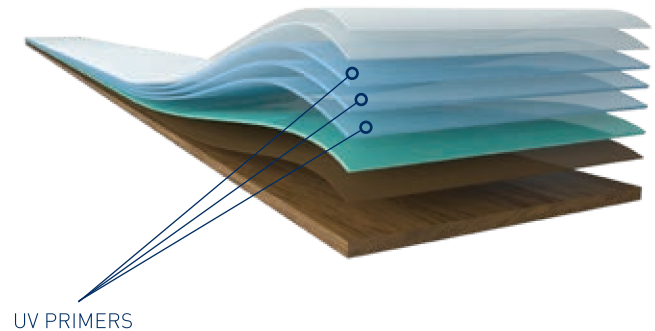
Preparation substrate:

UV primer: sealer need to be under-cross-linked with UV lamps between each layer to strengthen the cohesion of the film.

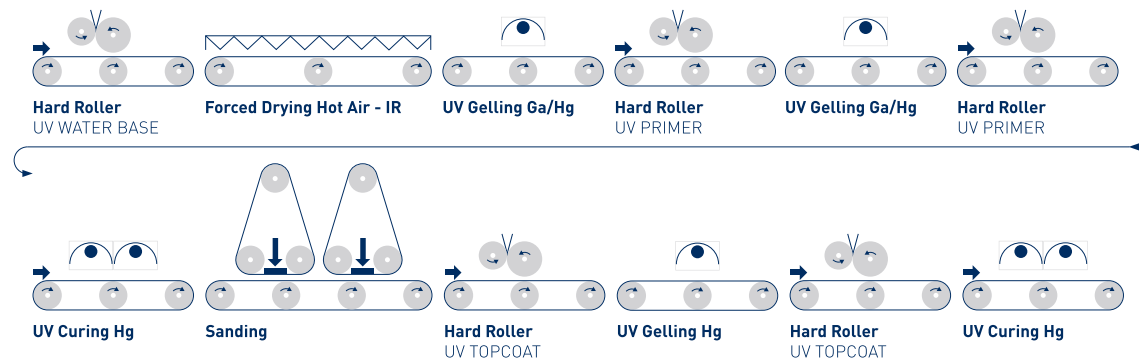
Processing:

- UV PRIMER needs to be applied with a roller-coating machine for weights from 10 to 20 g / m².

APPLICATION MATERIAL



UV PRIMERS



UV PRIMER / SEALER

	PRODUCT	GLOSS 60°	VISCOSITY mPas	COMMENTS
CODE UV PRIMER	UV HARD PRIMER 1100	NC	3000-4000 mPas	TABER CS 10 french norm / S42 S33 laminat Norm /Nano performer techno/ no cloudy white effect on dark tone.
	UV HARD PRIMER 1200	NC	3000-4000 mPas	TABER CS 10 french norm / cloudy white effect on dark tone / aluminium oxyde / dedicate for S42 S33 laminat Norm.
	UV MEDIUM HARDNESS 1260	NC	3000-4000 mPas	TABER CS 10 / best compromise between impact resistance and abrasion.
	UV FLEXIBLE PRIMER 1300	NC	3000-4000 mPas	SAND TABER / Good impact resistance due to good elongation performance /dedicated for SAND TABER TEST/ good price-quality ratio.
	UV FLEXIBLE FILLING PRIMER 1400	NC	9000-10000 mPas	Thick primer to fill the pores of the wood with medium and light reverse roller coater / for parquet with close pores look / Good impact resistance due to good elongation performance /dedicated for SAND TABER TEST.
	UV MAT PRIMER 1309	NC	800-1200 mPas	Very good ability to penetrate deep in the pores while keeping the appearance of open pores look / use only as first and second primer.
MAT UV PRIMER	UV MAT PRIMER 1209	10-15%	1600-2000 mPas	Standard Mat UV primer with easy light sanding. avoid shiny pores on brushed wood while bringing an easy light sanding.
	UV MAT PRIMER 1409	NC	2500-3500mPas	Mat UV primer with good compromise between light sanding and abrasion resistance. Ideal for short installation with only two UV primers /avoid shiny pores on brushed wood while bringing an easy light sanding but less efficient than 1209.

UV Varnish

UV TOPCOAT

PRODUCT DESCRIPTION

The UV TOPCOATS have been specially developed for the finishing of varnished hardwood floors in the factory, to ensure excellent protection, while preserving a beautiful appearance. Depending on the needs we have a wide range of UV TOPCOATS with different properties.

RANGE OF APPLICATION

Industrial application for wood flooring and wood panels. Only for interior use

SHELF-LIFE

1 year in closed original bucket. Keep away from heat and light.

TECHNICAL DATA

Extra component:	-
Mixing ratio:	-
Pot-life:	-
Density:	-
Viscosity:	-
Colors:	-
Solid content:	100%
Gloss:	Depending the TOPCOAT used.
Thinner:	-
Coverage per coat:	5-10 g/m ² per coat
Coverage USA per coat:	-
Drying:	-

CLEANING

UVS THINNER

DRYING

- UV PERFORMER TOPCOAT dries under 2 UV lamps 120 W/cm at a speed of 10 m/mn.

APPLICATION

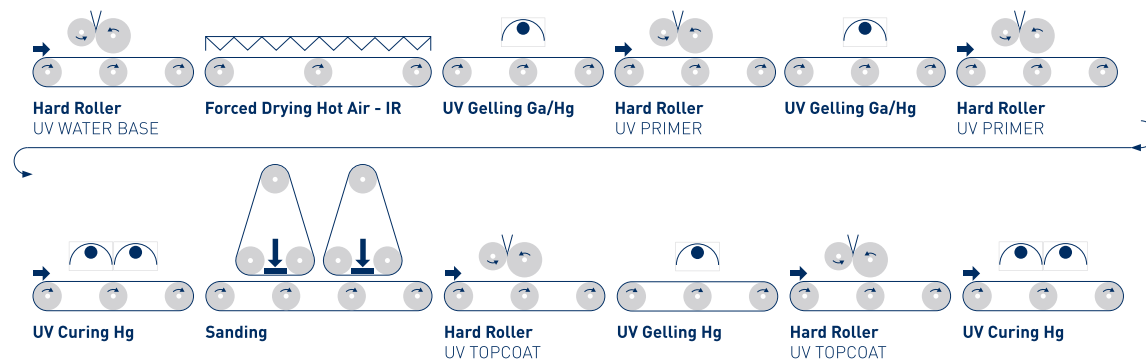
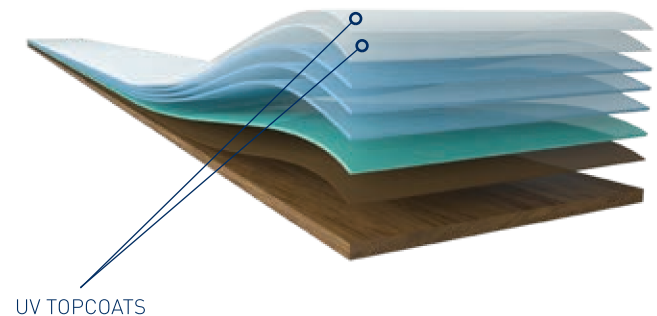
The first UV topcoat of finish must always be under-cross-linked before the second UV topcoat is applied.

These finishes can be applied in normal or reverse mode on industrial roller coater.

Processing:

- UV PERFORMER TOPCOAT is applied and stable with a roller-coating machine for weights from 5 to 10 g/m²

APPLICATION MATERIAL





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