

ULTIMATE PROTECTION UV+

Hydro-oils for exterior

RENNER WOOD COATINGS

ULTIMATE PROTECTION UV+

Shield the wood, say goodbye to sanding. Outdoor long-lasting solutions for deckings, garden furniture, claddings and watercrafts.

The Ultimate Protection UV+ systems are smart solutions to improve wood longevity. The water-based Ultimate Protection UV+ range is created to ward off the attacks from the most dangerous atmospheric and biological agents, thus revolutionising the concepts of care and maintenance.

Thanks to UV+ Protection and Radical Block technologies, the Ultimate Protection UV+ oils fix the original beauty of outdoor deckings, garden furniture, claddings and watercrafts over time. Thanks also to its Self-Consuming formula, maintenance and restoration, which are normally complex and demanding procedures, finally become quick operations, as sanding is no more necessary.



Main advantages of Ultimate Protection UV+ solutions

- They are self-consuming and do not peel off
- They don't need sanding
- They shield the wood from solar radiation
- They impede fungi, moulds and bacteria from proliferating
- They resist to water
- They defend the wood against salty sea mist
- They protect the wood from abrasions and foot traffic
- They nourish the wood, enhancing its original features

Ultimate Protection UV+ solutions are attentive to the nature. The water-based formulas reduce VOC emissions and are odourless.



ULTIMATE PROTECTION UV+

The high technology inside Renner Italia laboratories

Renner Italia laboratories have a mission: to preserve the beauty of wooden objects over time. Ultimate Protection UV+ is the leading edge of the research in the field of coatings for exterior. A heap of technology attentive to the environment and focused on the latest requirements of painters and architects.



UV+ Protection

Radiation absorbers

The special UV+ Protection absorbers inside the Ultimate Protection UV+ systems stop the ultraviolet radiations on the surface, impeding them to penetrate inside the objects and to attack the lignin. The lignin is one of the main wood components. In hardwoods, this polymer is almost 20% of the total mass; a percentage that reaches 30% in softwoods. If not sufficiently counteracted, the UV rays action transforms the lignin from a compact into a water-soluble substance. When destabilised by UV rays and in prolonged contact with rain, the lignin is inevitably eroded. In these conditions, the coating cracks and the wood turns grey. Thanks to the UV+ Protection technology, Ultimate Protection UV+ absorbs UV light, does not crack and keeps the wood alive.

Radical Block

An extra barrier against degradation

The sun puts the endurance of wood to the test. Especially during the long and hard exposures to the south-west. The Radical Block scavengers intervene when the persistent stress caused by the UV radiation punches the surface, even if only minimally. It is thus a second protective barrier, prolonging the life of timber, treated with Ultimate Protection UV+.

Self-Consuming

No more sanding

The traditional coating for exterior is a film-forming product. It creates a continuous covering layer. Because of this continuity feature, over time the coating tends to crack, in smaller or bigger chinks. During the restoring operation, the peeling is a negative feature of the coatings. The paint deep removal of a flooring, a piece of furniture or of a cladding is a burdensome activity.

Thanks to their Self-Consuming technology, the Ultimate Protection UV+ oils prevent the peeling and are self-consuming. These alkyd-based drying hydro-oils, in fact, create a homogeneous, but not film-forming, thin layer. All this to the benefit of the users who must not sand during the restoration.

ULTIMATE PROTECTION UV+

A complete range of oils, fungicidal primers and barriers

They can be soft as the skin and transparent as the water they are made of. As to resistance to atmospheric agents, Ultimate Protection UV+ products can be an insuperable barrier. Ultimate Protection UV+ oils enhance the wood by means of a formula containing plant extracts. The products of this range boast extraordinary performances of duration and can be combined together to achieve sought-after and trendy finishing effects.



PRIMERS AND BARRIERS

YM M101

water-based fungicidal primer

Effective against blue-staining and wood-rotting fungi because it contains a broad-spectrum fungicidal mix; it deeply penetrates and protects the wood structure; reduces phenomena of wood staining, greying, shrinking and swelling; it ensures a harmonizing effect.

UNI EN 335 Classes 2 and 3.1 | BPR Registration | Catas Quality Award 57/15

YM M104

water-based fungicidal anti-woodworm and anti-termite primer

Preventing the attack of blue-staining and wood-rotting fungi, of woodworms and termites because it contains a broad-spectrum preserving mix; it deeply penetrates and protects the wood structure; reduces phenomena of wood staining, greying, shrinking and swelling; it ensures a harmonizing effect.

UNI EN 335 Classes 2 and 3.1 | BPR Registration

YI M007

water-based barrier for tannin-rich timbers

Effective against the formation of stains caused by extractives; it doesn't change the natural colour of wood.



HIGH-ABSORPTION HYDRO-OILS

They're suitable both for softwoods and hardwoods; they boast a special protection against UV rays; they deeply penetrate and protect the wood structure; they are self-consuming, do not peel off and allow to renew the treatment without sanding.

YS C100/--NTR

hydro-oil for exterior with impregnating effect

Application: brush, dipping and flow-coating

YS M300/--NTR

texturized natural effect hydro-oil for exterior

Application: brush and spray gun



FAST-DRYING HYDRO-OILS

They're suitable both for softwoods and hardwoods; they are self-consuming, do not peel off and allow to renew the treatment without sanding.

YS C103

hydro-oil for exterior with impregnating effect

Application: brush, spray gun and flow-coating

YS M303

high-build hydro-oil for garden furniture

Application: brush and spray gun

YS M305

natural effect hydro-oil for exterior

Application: brush and spray gun

YS M307

hydro-oil for decking

Application: brush and spray gun

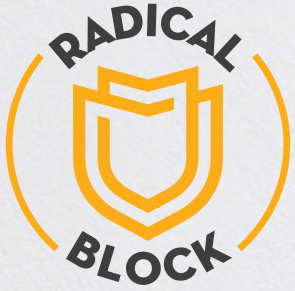


ULTIMATE PROTECTION UV+

An easy icon system characterizes the interpretation of Ultimate Protection UV+ systems and guides through the choice of the desired features.



Water-based oil
with UV absorbers



Water-based oil
with free radical scavengers



Anti-peeling and
self-consuming water-based oil



Product resistant
to cold liquids



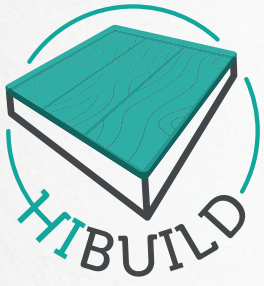
Fast-drying product also
in closed spaces



Product is stackable
within 24 hours



Product with high penetration
also in hardwood



Product
with high-build



Product with
high resistance to foot traffic



Biocide primer



Product without
hydrocarbons derivatives



Product guaranteeing valuable
finishing effects and extreme
resistance to UV rays



Oil with high friction coefficient
both on wet and dry surfaces.
This product was tested by
Catas

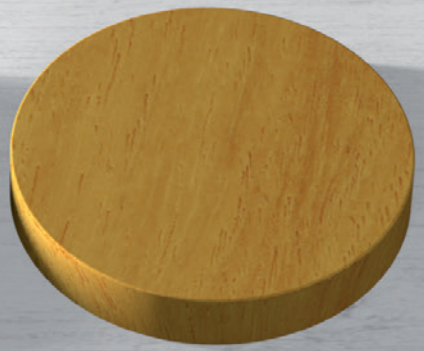
Woods

Ultimate Protection UV+ systems are suitable for every kind of wood. This catalogue is based on the two biggest families of woods, that are mainly used in exterior, to choose the most suitable system for your specific needs.

Hardwood



Softwood



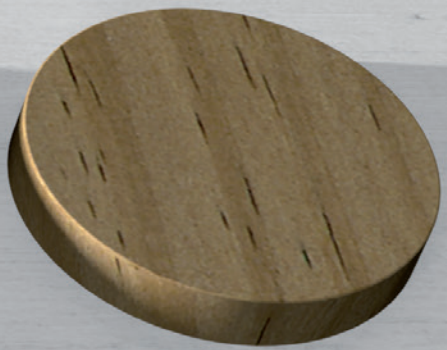
jackfruit wood



iroko



fir



pine



ipè



accoya





Ultimate Protection UV+
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DECKINGS FOR RESIDENTIAL PRIVATE SPACES

poolsides, deckings, terraces, walkways

Hardwood / Resistant

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YM M101 or YM M104	Brush / Dipping
2	YS C100/--NTR - DARK COLOUR	Brush / Dipping / Flow-coating
3	YS M300/--NTR - LIGHT COLOUR	Brush / Spray gun



Hardwood / Durability Plus

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YS C100/--NTR - DARK COLOUR	Brush / Dipping / Flow-coating
2	YS M300/--NTR - LIGHT COLOUR	Brush / Spray gun
3	YS M300/--NTR - LIGHT COLOUR	Brush / Spray gun



For better performances, first apply biocide primer YM M101 (or YM M104) by brush or dipping

Softwood / Durability Plus

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YM M101 or YM M104	Brush / Dipping
2	YS M300/--NTR - COLOURED	Brush / Spray gun
3	YS M300/--NTR - COLOURED	Brush / Spray gun





DECKINGS FOR PUBLIC SPACES OR OPEN TO THE PUBLIC

poolsides, deckings, terraces, walkways, jetties, gangways of beach resorts, restaurants, hotels

Hardwood / Resistant

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YM M101 or YM M104	Brush / Dipping
2	YS C100/--NTR - DARK COLOUR	Brush / Dipping / Flow-coating
3	YS M307 - LIGHT COLOUR (option: add 5% of YC M402 hardener)	Brush / Spray gun



Hardwood / Durability Plus

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YS C100/--NTR - DARK COLOUR	Brush / Dipping / Flow-coating
2	YS M307 - LIGHT COLOUR	Brush / Spray gun
3	YS M307 - LIGHT COLOUR (option: add 5% of YC M402 hardener)	Brush / Spray gun



For better performances first apply biocide primer YM M101 (or YM M104) by brush or dipping

Softwood / Durability Plus

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YM M101 or YM M104	Brush / Dipping
2	YS M307 - COLOURED	Brush / Spray gun
3	YS M307 - COLOURED (option: add 5% of YC M402 hardener)	Brush / Spray gun





GARDEN FURNITURE

tables, chairs, benches, sun beds, shelves

Hardwood / Resistant

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YM M101 or YM M104	Brush / Dipping
2	YS C100/--NTR - DARK COLOUR	Brush / Dipping / Flow-coating
3	YS M303 (YS M305) - LIGHT COLOUR (option: add 5% of YC M402 hardener)	Brush / Spray gun



Hardwood / Durability Plus

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YS C100/--NTR - DARK COLOUR	Brush / Dipping / Flow-coating
2	YS M303 (YS M305) - LIGHT COLOUR	Brush / Spray gun
3	YS M303 (YS M305) - LIGHT COLOUR (option: add 5% of YC M402 hardener)	Brush / Spray gun



For better performances, first apply biocide primer YM M101 (or YM M104) by brush or dipping

Softwood / Durability Plus

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YM M101 or YM M104	Brush / Dipping
2	YS M303 (YS M305) - COLOURED	Brush / Spray gun
3	YS M303 (YS M305) - COLOURED (option: add 5% of YC M402 hardener)	Brush / Spray gun





GARDEN FURNITURE

tables, chairs, benches, sun beds, shelves

Softwood and hardwood / Resistant

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YM M101 or YM M104	Brush / Dipping
2	YS C100/--NTR (YS C103) - COLOURED	Brush / Dipping / Flow-coating
3	YS C100/--NTR (YS C103) - COLOURED	Brush / Dipping / Flow-coating



Softwood and hardwood / Durability Plus

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YM M101 or YM M104	Brush / Dipping
2	YS C100/--NTR (YS C103) - COLOURED	Brush / Dipping / Flow-coating
3	YS C100/--NTR (YS C103) - COLOURED	Brush / Dipping / Flow-coating
4	YS M303 (YS M305) - COLOURED (option: add 5% of YC M402 hardener)	Brush / Spray gun





TEXTURIZED NATURAL EFFECT OUTDOOR CLADDINGS

living units, cottages, gazebos, pergolas, bathing huts, fences

Hardwood / Resistant

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YM M101 or YM M104	Brush / Dipping
2	YS C100/--NTR - DARK COLOUR	Brush / Dipping / Flow-coating
3	YS M300/--NTR - LIGHT COLOUR	Brush / Spray gun



Hardwood / Durability Plus

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YS C100/--NTR - DARK COLOUR	Brush / Dipping / Flow-coating
2	YS M300/--NTR - LIGHT COLOUR	Brush / Spray gun
3	YS M300/--NTR - LIGHT COLOUR	Brush / Spray gun



For better performances, first apply biocide primer YM M101 (or YM M104) by brush or dipping

Softwood / Durability Plus

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YM M101 or YM M104	Brush / Dipping
2	YS M300/--NTR - COLOURED	Brush / Spray gun
3	YS M300/--NTR - COLOURED	Brush / Spray gun





SILKY EFFECT OUTDOOR CLADDINGS

living units, cottages, gazebos, pergolas, bathing huts, fences

Hardwood / Resistant

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YM M101 or YM M104	Brush / Dipping
2	YS C100/--NTR - DARK COLOUR	Brush / Dipping / Flow-coating
3	YS M303 (YS M305) - LIGHT COLOUR	Brush / Spray gun



Hardwood / Durability Plus

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YS C100/--NTR - DARK COLOUR	Brush / Dipping / Flow-coating
2	YS M303 (YS M305) - LIGHT COLOUR	Brush / Spray gun
3	YS M303 (YS M305) - LIGHT COLOUR	Brush / Spray gun



For better performances, first apply biocide primer YM M101 (or YM M104) by brush or dipping

Softwood / Durability Plus

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YM M101 or YM M104	Brush / Dipping
2	YS M303 (YS M305) - COLOURED	Brush / Spray gun
3	YS M303 (YS M305) - COLOURED	Brush / Spray gun





NAUTICAL FIELD

decks, chairs, furniture

Hardwood / Resistant

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YM M101 or YM M104	Brush / Dipping
2	YS C100/--NTR - DARK COLOUR	Brush / Dipping / Flow-coating
3	YS M303 (YS M305) - LIGHT COLOUR (option: add 5% of YC M402 hardener)	Brush / Spray gun



Hardwood / Durability Plus

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YS C100/--NTR - DARK COLOUR	Brush / Dipping / Flow-coating
2	YS M303 (YS M305) - LIGHT COLOUR	Brush / Spray gun
3	YS M303 (YS M305) - LIGHT COLOUR (option: add 5% of YC M402 hardener)	Brush / Spray gun



For better performances, first apply biocide primer YM M101 (or YM M104) by brush or dipping

Softwood / Durability Plus

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YM M101 or YM M104	Brush / Dipping
2	YS M303 (YS M305) - COLOURED	Brush / Spray gun
3	YS M303 (YS M305) - COLOURED (option: add 5% of YC M402 hardener)	Brush / Spray gun





DECKINGS FOR RESIDENTIAL PRIVATE SPACES

poolsides, deckings, terraces, walkways

For all kind of woods - Refresh / Maintenance

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
0	RR1050 Neutral detergent	Spray gun and cloth
1	YS M300/--NTR - COLOURED	Brush / Spray gun



For all kind of woods - Renewer / Restoration

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YS M300/--NTR - COLOURED	Brush / Spray gun
2	YS M300/--NTR - COLOURED	Brush / Spray gun





DECKINGS FOR PUBLIC SPACES OR OPEN TO THE PUBLIC

poolsides, deckings, terraces, walkways, jetties, gangways of beach resorts, restaurants, hotels

For all kind of woods - Refresh / Maintenance

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
0	RR1050 Neutral detergent	Spray gun and cloth
1	YS M307 - COLOURED (option: add 5% of YC M402 hardener)	Brush / Spray gun



For all kind of woods - Renewer / Restoration

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YS M307 - COLOURED	Brush / Spray gun
2	YS M307 - COLOURED (option: add 5% of YC M402 hardener)	Brush / Spray gun





GARDEN FURNITURE

tables, chairs, benches, sun beds, shelves

For all kind of woods - Refresh / Maintenance

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
0	RR1050 Neutral detergent	Spray gun and cloth
1	YS M303 (YS M305) - COLOURED (option: add 5% of YC M402 hardener)	Brush / Spray gun



For all kind of woods - Renewer / Restoration

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YS M303 (YS M305) - COLOURED	Brush / Spray gun
2	YS M303 (YS M305) - COLOURED (option: add 5% of YC M402 hardener)	Brush / Spray gun





TEXTURIZED NATURAL EFFECT OUTDOOR CLADDINGS

living units, cottages, gazebos, pergolas, bathing huts, fences

For all kind of woods - Refresh / Maintenance

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
0	RR1050 Neutral detergent	Spray gun and cloth
1	YS M300/--NTR - COLOURED	Brush / Spray gun



For all kind of woods - Renewer / Restoration

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YS M300/--NTR - COLOURED	Brush / Spray gun
2	YS M300/--NTR - COLOURED	Brush / Spray gun




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SILKY EFFECT OUTDOOR CLADDINGS

living units, cottages, gazebos, pergolas, bathing huts, fences

For all kind of woods - Refresh / Maintenance

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
0	RR1050 Neutral detergent	Spray gun and cloth
1	YS M303 (YS M305) - COLOURED	Brush / Spray gun



For all kind of woods - Renewer / Restoration

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YS M303 (YS M305) - COLOURED	Brush / Spray gun
2	YS M303 (YS M305) - COLOURED	Brush / Spray gun





NAUTICAL FIELD

decks, chairs, furniture

For all kind of woods - Refresh / Maintenance

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
0	RR1050 Neutral detergent	Spray gun and cloth
1	YS M303 (YS M305) - COLOURED (option: add 5% of YC M402 hardener)	Brush / Spray gun



For all kind of woods - Renewer / Restoration

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YS M303 (YS M305) - COLOURED	Brush / Spray gun
2	YS M303 (YS M305) - COLOURED (option: add 5% of YC M402 hardener)	Brush / Spray gun





WOODS RICH IN EXTRACTIVES IN LIGHT-COLOUR AND SEMI-TRANSPARENT PIGMENTED SYSTEMS

COAT	WATER-BASED PROTECTIVE SYSTEM	APPLICATION
1	YM M101 or YM M104	Brush / Dipping
2	YI M007*	Brush / Spray gun
3	YS M30X - COLOURED	Brush / Spray gun
4	YS M30X - COLOURED	Brush / Spray gun

**For woods particularly rich in extractives it can be necessary the application of two coats of YI M007*

HYDRO-OILS COLORATION

The coloration is fundamental to further increase the durability of Ultimate Protection UV+ hydro-oils. Pigmented pastes and iron oxides reinforce and extend the action of the UV shield, already contained in the products.

COLORATION	PRODUCT	NOTES
PIGMENTED	EY M690/--CXX Pigmented paste	By means of Color System tintometric system of Renner Italia it is possible to reproduce all the shades of RAL, NCS, CS and Chroma ranges, contained in the colour charts for exterior
TINTED	EY M470/--TXX Semi-transparent iron oxide	The use of 50-60% of the pastes, contained in the impregnating stains formulas, allows to obtain the same shade with hydro-oils



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RENNER
WOOD COATINGS

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