



UNI 11717-1

Coatings for state-of-the-art doors and windows

WINDOWS FRENCH WINDOWS SHUTTERS FRONT DOORS

**Ensure your customers state-of-the-art solutions complying with UNI 11717-1 standard.
Minimum requirements of resistance to degradation of wood and of coating systems for wooden outdoor furniture.**

During last decade, demand of wooden doors and windows frames drastically decreased in favor of plastic materials. This trend is not only driven by the economic comparison. Too often wooden doors and windows frames have shown an insufficient durability due to a wrong design. A losing game in which also a wrong coating system plays a leading role.





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However, it is undeniable that wood retains intact the intrinsic value of its very nature. UNI 11717-1 standard was created on the base of the above-mentioned considerations, in order to define the minimum requirements of resistance to degradation of wooden substrates and of coating systems.

Compliance to this standard means

- to produce state-of-the-art doors and windows frames
- to distinguish your own trademark for quality, seriousness and reliability
- to get a competitive advantage on competitors
- to vouch for the choice of wood over plastic
- guard against customers complaints

UNI 11717-1 standard

- reflects the state-of-the-art
- is not compulsory
- is not a certification

Renner Italia laboratory chemists took part to UNI committee debates as experts in exterior grade coatings and protection against degrading agents such as water, UV radiation, temperature variations, fungi, smog.





Renner Italia offers you a complete range of primers, wood stains, basecoats and topcoats to carry out coating systems compliant with UNI 11717-1. Our experts take care of you during the choice of the best solutions according to exposure, wood species, design and desired durability.

In particular, Renner coatings protect wood from the destroying action of solar radiation through a special barrier of absorbers and pigments capable of shielding more than 99% of the incident UV radiation. Furthermore, our products comply with UNI 11717-1 as to the following key parameters:

PARAMETER	STANDARD REFERENCE
Light transmittance	UNI 11717-1; App. D (spectrophotometric method)
Specular reflection	UNI EN ISO 2813
Natural ageing	UNI EN 927-3
Water permeability	UNI EN 927-5
Wet adhesion	UNI 11717-1; App. E
Air inclusions/microfoam	UNI CEN/TS 16358
Artificial ageing	UNI EN 927-6
Gloss stability	UNI EN ISO 2813 + UNI EN 927-6
Colour stability	UNI EN ISO 18314-1 + UNI EN ISO 16474-2
Resistance to blocking	UNI CEN/TS 16499

COMPLIANT EXT. GRADE COATINGS

Blue Shield Protection warranties

Thanks to the Blue Shield Protection program, you can provide your customers with the exclusive warranty up to 15 years.

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