

TRANSPARENT ROLLER FIRE-RETARDANT UV SYSTEM

Standard	Country	Class	Certificates and validations	Substrate
EN 13501/EN 9239	EU	BFL-s1	Test report no. 235/13-fl of 31/05/2013	Flooring
UNI 9174-UNI 9177-UNI 8457	IT	1	Test report no. 7996 of 24/06/2016	Poplar wall

Recommended use	Flooring and wall	Wood for interior use
Application method	Roller coater, reverse	
Product preparation	Dilute up to a maximum of 4% with diluent DF---M052	

Chemical-physical characteristics (23°C)			
	UL---M710	UL---M730	UO-XXM730
Solid content (%)	98 ± 2	98 ± 2	99 ± 1
Specific weight (g/cm³)	1,070	1,400	1,280
Viscosity (seconds)	DIN 6 = 55 ± 4	DIN 8 = 120 ± 5	DIN 6 = 60 ± 4
Tunnel drying	1 high power UV lamp	2-3 high power UV lamps	2-3 high power UV lamps

Application system in order to obtain Class BFL-s1 of Reaction to Fire in accordance with EN 9239 and Class 1 in accordance with UNI 9174-UNI 9177-UNI 8457	
Wooden substrate preparation	Clean the surface and sand with 240/280 grit sandpaper. Remove the old coating film completely.
Base coat and top coat preparation for the application	Dilute up to a maximum of 4% with diluent DF---M052. Please note that the amount of product to be applied must be recalculated based on the dilution.
Application method	Roller coater, reverse
Product application	Apply one coat of transparent primer UL---M710 with a grammage of 15 g/m². Prejellify. Apply one coat of transparent base coat UL---M730 with a grammage of 30 g/m². Apply two coats of transparent base coat UL---M730 with a grammage of 65 g/m². Sand lightly and apply one coat of transparent top coat UO-XXM730 with a grammage of 8 g/m². Total quantity to be applied: 183 g/m².

Maintenance
The use of a wet cloth and mild detergents is recommended to clean and maintain the surfaces, coated by fire-retardant systems, drying the surface well after cleaning. To keep the product certified it is recommended to check periodically the condition of the coating film. If the support must be restored, apply the same validated quantities.

General information
<ul style="list-style-type: none"> When working with exotic or particularly resinous types of wood, a preventive application of a suitable sealer is recommended. If necessary to dilute with DU---M052, do not exceed 4% of dilution, to avoid compromising the drying process. Always perform regular checks on the efficiency of the UV lamps. UV lamps usually have a useful life of 2000 hours. After this time there can be a drop in efficiency, compromising the correctly drying process of UV products. Expiry: 6 months.