

TRANSPARENT FIRE-RETARDANT PU SYSTEM

Standard	Country	Class	Certificates and validations	Substrate
UNI 9796	IT	1	Validation no. B02476PVI00002 of 07/02/06	All types of wood*
BS 476 part 7	UK	1	Certificate no. 2701403/08/08 of 28/08/2008	Standard 18 mm MDF
EN 13501/EN 13823	EU	B-s2-d0	Test report no. 1104079-03 of 04/05/2011	Fire-retardant 18 mm MDF

*For all types of wood except for: materials veneered through thermoplastic glue, assembled in cellular or slat structure including air (e.g. rattan or cane marrow) and filled with heterogeneous materials.

Top coat versions		Standards
F01010	Deep matt	IT - EU
F02510	Matt	IT - UK - EU
F07510	Semi-glossy	IT - EU
F09510	Gloss	IT

Recommended use	Wall, ceiling and furniture
Application method	Spray gun
Product preparation	Dilute up to a max of 20% with PU diluent

Chemical-physical characteristics (23°C)					General information on the system	
	FL0510	FOXX10	F09510	FC1110		RAF-T
Solid content (%)	75	49	50	26	Dust free	45 minutes
Specific weight (g/cm³)	1,213	0,994	0,950	0,950	Touch free	60 minutes
Viscosity (seconds)	-	DIN4 = 90	DIN4 = 16	-	Overcoating	12 hours
Viscosity Brookfield (cPs)	1400 cPs	-	-	-	Sandable	24 hours
Pot-life	60 minutes	90 minutes	60 minutes	n.a.		

Application system in order to obtain Class 1 of Reaction to Fire according to UNI 9796, BS 476 part 7 and Class B-s2-d0 in accordance with EN 13501-1			
Wooden substrate preparation	Clean the surface and sand with 120/150 grit sandpaper. Remove the old coating film completely.		
Base coat preparation for the application	Mixing by weight: Transparent base coat Catalyst	FL0510 FC1110	100% 50%
Top coat preparation for the application	Mixing by weight: Matt/Semi-glossy transparent top coat Catalyst or Transparent glossy top coat Catalyst	FOXX10 FC1110 F09510 FCF025	100% 50% 100% 100%
Base coat and top coat preparation for the application	Dilute up to a maximum of 20% with PU diluent. Please note that the amount of product to be applied must be recalculated based on the dilution.		
Application method	Spray gun		
Product application	Apply two coats of transparent base coat FL0510 with a grammage of 150 g/m² per coat. Let it dry off for 24 hours and sand lightly with 320 grit sandpaper. Apply one coat of transparent top coat FOXX10 with a grammage of 150 g/m². Total quantity to be applied: 450 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"> Mix the product well before the use. Coating leftover (washing water, water from spray cabin, used coatings) must be disposed of in accordance with local regulations. Never dispose of leftovers directly in the drainage system. After long storage periods, always check for any presence of sediment at the bottom of the can and homogenize the product well before the use. Not heat-resistant: do not store at temperatures over 55°C. In particular environmental conditions, the product can develop sensitivity to humidity. Avoid using it in very damp spaces. The standards also require the application of fire-retardant products on hidden surfaces if there are air gaps between the object and the wall or floor.