

2K TRANSPARENT FIRE-RETARDANT ACRYLIC SYSTEM

Standard	Country	Class	Certificates and validations	Substrate
EN13501/EN 9239	EU	BFL-s1 e CFL-s1	Certificate no. 235/13-fl of 31/05/2013	Oak floors in adherence
EN13501/EN 13501	EU	C-s1-d0	Certificate no. PK-1-01-16-020-E-0 of 25/4/2016	Veneered MDF wall not in adherence
NF P 92-501	FR	M1	Certificate no. RA16-0161 of 12/07/2016	Class M1 chipboard
UNI 9796	IT	1	Validation no. B02476PVI00011 of 18/02/2016	Floor*

*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	Standard	
JL-05M375	Deep matt	FR - EU wall - IT
JL-25M375	Matt	FR - EU wall and floor - IT
JL-80M375	Semi-glossy	FR - EU wall - IT

Recommended use	Flooring (EU and IT) and floor/wall/ceiling (FR)	Wood for interior use
Application method	Spray gun and curtain coater	
Product preparation	Dilute up to a maximum of 40% with diluent DF-M002	

Chemical-physical characteristics (23°C)				General information on the system	
				Drying at 20°C and UR% between 45 and 65: 120 g/m ²	
	JL-XXM375	FC---M070	AF---M666		RAF-AC
Solid content (%)	27	36	100	Dust free	15 minutes
Specific weight (g/cm ³)	0,920	0,940	1,400	Touch free	40 minutes
Viscosity (seconds)	DIN 4 = 28 ± 3	-	-	Sandable	3 hours
Pot-life	16 hours	-	-	Overcoating	3 hours
				Stackable	3 hours
				Ready for use	24 hours

Application system to obtain Class BFL-s1 and Class CFL-s1 of Reaction to Fire in accordance with EN 13501/EN 9239, Classe BFL-s1 of Reaction to Fire in accordance with EN 13501/EN 13823, Class M1 of Reaction to Fire in accordance with NF P 92-501 and Class 1 of Reaction to Fire in accordance with UNI 9796 - DM 06/03/92	
Wooden substrate preparation	Clean the surface and sand with 240/280 grit sandpaper. Remove the old coating film completely.
Base coat-top coat preparation for the application	Mixing by weight to obtain Class BFL-s1 - EN 13501/ EN 9239 (EU) and Class C-s1-d0 - EN 13501/EN 13823 (EU): Transparent base coat-top coat JL-25M375 100% Flame-retardant additive AF---M666 20% Catalyst FC---M070 10%
	Mixing by weight to obtain Class CFL-s1 - EN 13501/EN 9239 (EU), M1 - NF P 92-501 (FR) and Class 1 - UNI 9796 DM 06/03/92 (IT): Transparent base coat-top coat JL-XXM375 100% Catalyst FC---M070 10%
Base coat and top coat preparation for the application	Dilute up to a maximum of 40% with diluent DF---M002. Please note that the amount of product to be applied must be recalculated based on the dilution.
Application method	Spray gun or curtain coater
Product application	Apply one coat of transparent base coat-top coat JL-XXM375 with a grammage of 120 g/m ² . Let it dry off at least for 3 hours and sand lightly with 320 grit sandpaper. Apply one coat of transparent base coat-top coat JL-XXM375 with a grammage of 120 g/m ² . Total quantity to be applied: 240 g/m ² .

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"> It is possible to increase the surface hardness of the product, the film toughness and its resistance to removal by increasing the quantity of catalyst FC---M070 to 20%. In this case drying will be slightly slower and the dry film will have a slightly higher level of gloss. Pot-life will also be lightly shorter. When applying to whitened woods, wait at least 48 hours since the whitening treatment. The product is resistant to yellowing. However, if the support needs to be protected from yellowing (light or whitened woods), it is recommended to add 3-5% of UV absorber AF---M900 to the product. When using the product follow the recommended application quantities rigorously: as for all base coat-top coats, if the recommended grammage for the coats are not complied with, or when using them as a top coat in closed pore coating systems, there may be an irregular emergence of the opacifier (cell structure). Does not expire. After long storage periods, always check for any presence of sediment at the bottom of the container and homogenize the product well before use.