

2K TRANSPARENT FIRE-RETARDANT WATER-BASED SYSTEM

Certificates and validations	Substrate
System certified for Class 1 of Reaction to Fire in accordance with DM 06/03/92 UNI 9796 (IT) and BS 476 part 7 (UK) UNI - Validation no. B02476PVI00016 of 14/05/15 BS - Certificate no. 27/03441D/02/15 of 26/02/2015	IT - For all type of wood except for: materials veneered with thermoplastic resin-based adhesives, assembled with cellular or strip structures with air cavities (e.g. rattan, braided rush) filled with heterogeneous materials UK - Veneered MDF

Top coat versions	
Y01012	Coloured transparent
Y01013	Colourless

Recommended use	Wall, ceiling and furniture
Application method	Manual roller, brush and spray gun
Product preparation	Dilute up to a maximum of 10% with water

Chemical-physical characteristics (23°C)	General information on the system Drying at 20°C and UR% between 45 and 65: 150/200 g/m²			
	YL0509	Y0101X	YC1100	YC1112
Solid content (%)	36	30	80	70
Specific weight (g/cm³)	1,100	1,100	1,150	1,100
Viscosity (seconds)	DIN 6 = 40	DIN 6 = 55	-	-
Pot-life	6 hours	2 hours		
				RAF-ATB1
				Dust free
				45 minutes
				Touch free
				60 minutes
				Overcoating
				4 hours
				Sandable
				6 hours

Application system in order to obtain Class 1 of Reaction to Fire in accordance with UNI 9796 and BS 476 part 7				
Wooden substrate preparation	Clean the surface and sand with 120/150 grit sandpaper. When recoating, always check the condition of the old coating film and its compatibility. Completely remove the old films if necessary.			
Base coat preparation for the application	Mixing by weight: Transparent base coat Activator	YL0509 YC1100	100% 10%	
Top coat preparation for the application	Mixing by weight: Matt top coat Catalyst	Y0101X YC1112	100% 20%	
Base coat and top coat preparation for the application	Dilute up to a maximum of 10% with water. Please note that the amount of product to be applied must be recalculated based on the dilution.			
Application method	Manual roller, brush and spray gun			
Product application	Apply one coat of transparent base coat YL0509 with a grammage of 200 g/m². Let it dry off at least for 6 hours and sand lightly with 320 grit sandpaper. Apply one coat of matt water-based top coat Y0101X with a grammage of 200 g/m². Total quantity to be applied: 400 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. During the application the temperature of the product, the substrate and the environment should never fall below 15°C. Coating films, formed below this temperature, have lower properties of chemical and mechanical resistance than standard performance that can be achieved in normal conditions. 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. Application tools must be cleaned with water immediately after the use. In case dry coating films must be removed, use AY---M460, leaving it work overnight, and then rinse with water. 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 cold-resistant: do not store at temperatures below 5°C. In particular environmental conditions, the product can develop sensitivity to humidity. Avoid using it in very damp spaces.