

2K WHITE FIRE-RETARDANT WATER-BASED SYSTEM

Certificates and validations	Substrate
IT - System certified for Class 1 of Reaction to Fire in accordance with DM 06/03/92 UNI 9796 - Validation no. B02476PVI00028 of 02/11/2017	IT - For all types 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

Base coat-top coat version	
YO1061	White matt

Recommended use	Wall, ceiling and furniture
Application method	Manual roller, brush and spray gun
Dilution	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	
	YOX061	YC1112		RAF-APB1 WHITE
Solid content (%)	40	70	Dust free	45 minutes
Specific weight (g/cm³)	1,200	1,100	Touch free	60 minutes
Viscosity (seconds)	DIN 6 = 55	-	Overcoating	4 hours
Pot-life	2 hours		Sandable	6 hours

Application system in order to obtain Class 1 of Reaction to Fire in accordance with UNI 9796				
Wooden substrate preparation	Clean the surface and sand with 120/150 grit sandpaper. Remove the old coating film completely.			
Base coat-top coat preparation for application	Mixing by weight: Matt white top coat Catalyst	YO1061 YC1112	100% 20%	
Base coat-top coat dilution for 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 white base coat-top coat YOX061 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 white water-based base coat-top coat YOX061 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 or above 40°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 and heat-resistant: do not store at temperatures below 5°C and above 40°C. In particular environmental conditions, the product can develop sensitivity to humidity. Avoid using it in very damp spaces.

Diluting, sanding and spraying

Fire-retardant systems must comply with the certified application grammage. Diluting or sanding products means reducing the product weight on the object, so we recommend always recalculating the exact amount that will be lost. The same procedure must be applied when spraying, as the gun may reach up to 50% over spraying.

Please note that the best solution will be to weigh the object during application, but as this is not always feasible, we recommend assessing the surface to be painted and weighing the product in the cup.