

2K COLOURLESS TRANSPARENT FIRE-RETARDANT WATER-BASED BASE COAT-TOP COAT

Certificates and validations	Substrate
System certified for Class 1 of Reaction to Fire in accordance with UNI 8457 and UNI 9174 on honeycomb cardboard Test report no. 11320 of 19/09/2014	For all types of honeycomb cardboard

Base coat-top coat version	
Y01000	Colourless matt
Recommended use	Wall, ceiling and furniture All types of honeycomb cardboard for interior use
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/m ²	
	Y01000	YC1100		RAF-ATB CAR
Solid content (%)	36	80	Dust free	45 minutes
Specific weight (g/cm ³)	1,100	1,100	Touch free	60 minutes
Viscosity (seconds)	DIN 6 = 40	-	Overcoating	4 hours
Pot-life	6 hours		Sandable	6 hours

Application system in order to obtain Class 1 of Reaction to Fire in accordance with UNI 8457 and 9174			
Wooden substrate preparation	No measures required.		
Base coat-top coat preparation for application	Mixing by weight:		
	Colourless base coat-top coat	Y01000	100%
	Activator	YC1100	10%
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 three coats of colourless transparent base coat-top coat Y01000 with a grammage of 200 g/m ² , separated by a gap of 4 hours. Total quantity to be applied: 600 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"> 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 and heat-resistant: do not store at temperatures below 5°C or above 50°C. 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.