

2K TRANSPARENT FIRE-RETARDANT WATER-BASED SYSTEM FOR BOATS

Certificates and validations	Substrate
INT - Marine Equipment Directive MED 96/98 EC - Module B Certificate N.MED-171 (IG-008-2016) Rev.0 of 25/01/2016 and Module D N.MED-177 (IG-014-2016) Rev.0 of 28/01/2016 - ISTITUTO GIORDANO	INT - For all substrates such as wood, plastic, aluminium, galvanised iron, etc.

Base coat-top coat versions	
YO2050	Matt transparent 20 gloss
YO5050	Semi-glossy transparent 50 gloss
YO8050	Glossy transparent 80 gloss

Recommended use	Wall, ceiling and floor	All types of substrate for interior use
Application method	Manual roller, brush and spray gun (cup, airmix and airless)	
Product preparation	The product is ready to use. If necessary, 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	
	YOXX50	YC5000		RAF-ATB NAV
Solid content (%)	32 ± 3	51 ± 1	Dust free	20 minutes
Specific weight (g/cm ³)	1,040 ± 0,030	1,060 ± 0,030	Touch free	1 hour
Viscosity (seconds)	DIN 6 = 50 ± 10	-	Overcoating	4 hours
Pot-life	2 hours	-	Sandable	10 hours

Application system to obtain the Marine Certificate Module B and D (INT)			
Wooden substrate preparation	If the rough substrate is metallic, it is necessary to wash the area to be treated with pickling product AG---500 or possibly a degreaser, while for plastic substrates it is better to thoroughly sand with 320/400 grit sandpaper before the application, or clean the surfaces with AG---M500. If the substrate is already coated, sand with 120/150 grit sandpaper, removing old films completely. Because of the wide range of substrates used in boats, it is preferable to be cautious and make a preventive test of the application system in order to be sure that it is suitable.		
Base coat-top coat preparation for application	Mixing by weight: Transparent base coat-top coat Catalyst	YOXX50 YC5000	100% 10%
Base coat-top coat preparation 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	Clean the substrates thoroughly. Spray gun: Apply one coat of transparent base coat-top coat YOXX50 with a grammage of 150 g/m ² . Roller/brush: Apply two coats of transparent base coat-top coat YOXX50 with a grammage of 75 g/m ² , separated by a gap of 2 hours, without sanding. Sanding is required if the drying time between the two coats is more than 4 hours. Total quantity to be applied: 150 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 after use. When dry films must be removed, use AY---M460, leaving it to work overnight, and then rinse with water. After long storage periods, always check for any presence of sediment at the bottom of the container and homogenize the product well before use. Not cold-resistant: do not store at temperatures below 5°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.