

## BRIGHT TRANSPARENT FIRE-RETARDANT SYSTEM

Certificates and validations	Substrate
U.S. - Class B ASTM-E84 - Test report no. 481.P.14 of 15/04/2014 - LAPI	U.S. - For all veneered MDF substrates

Recommended use	Wall, ceiling not in adherence	For interior use
Application method	Spray gun	

Chemical-physical characteristics (23°C)				General information on the system Drying at 20°C and UR% between 45 and 65: 150 g/m <sup>2</sup>	
	FIF041	PLF025	JBF025		RAF-PET
Solid content (%)	16	93	50	Dust free	45 minutes
Specific weight (g/cm <sup>3</sup> )	0,890	1,150	0,950	Touch free	6 hours
Viscosity (seconds)	DIN 4 = 12	DIN 6 = 30	DIN 4 = 16	Overcoating	48 hours
Pot-life	2 hours	30 minutes	2 hours	Sandable	24 hours

Application system in order to obtain Class B (ASTM-E84)	
Wooden substrate preparation	Clean the surface and sand with 150/180 grit sandpaper.
Sealer, base coat and top coat preparation for application	Mixing by weight: Transparent sealer FIF041 100% Catalyst FCF041 100% Transparent PE base coat PLF025 100% Accelerator PC---M002 2% Catalyst PC---M012 2% Diluent DP---M040 20% Transparent acrylic top coat JBF025 100% Catalyst FCF025 100%
Base coat preparation	The recommended dilution is 20%. If you use a higher dilution, recalculate the amount of product to be applied.
Application method	Spray gun
Product application	Apply one coat of transparent sealer FIF041 with a grammage of 60 g/m <sup>2</sup> . Let it dry off at least for 3 hours and sand lightly with 320 grit sandpaper. Apply three coats of transparent PE base coat PLF025 with a grammage of 250 g/m <sup>2</sup> , separated by a gap of 30 minutes. Let it dry off at least for 8 hours and sand lightly with 400 grit sandpaper. Apply one coat of acrylic transparent top coat JBF025 with a grammage of 120 g/m <sup>2</sup> . Total quantity to be applied: 930 g/m <sup>2</sup> .

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"> <li>The products expire 12 months from the manufacturing date. Check for any sediment at the bottom of the container and homogenize the product well before use.</li> <li>Do not allow accelerators (cobalt salts) to come into contact with hardeners (peroxides and reducing agents in general) as they may generate hazardous exothermic reactions.</li> <li>These products are subject to an increase in viscosity over time.</li> </ul>