

RAF-P MULTICOLOR B M1

PIGMENTED FIRE-RETARDANT PU SYSTEM

Standard	Country	Class	Certificates and validations	Substrate
NF P 92-501	FR	M1	Certificate no. RA17-0167 of 24/11/17	Wall/Ceiling

Top coat versions

FO-05M060/--BNC	Deep matt
FO-10M060/--BNC	Deep matt
FO-25M060/--BNC	Matt
FO-60M200/--BNC	Semi-glossy
FO-80M200/--BNC	Glossy

Recommended use	Wall and ceiling objects, furniture
Application method	Spray gun
Product preparation	Dilute up to a max of 100% with PU diluent

Chemical-physical characteristics (23°C)

	FL---M720/--C02	FC---M045	FC---M040
Solid content (%)	75 ± 3	37 ± 1	26 ± 1
Specific weight (g/cm³)	1,560	0,990	0,950
Viscosity Brookfield (cPs)	8000 ± 1000	-	-
Pot-life	120 minutes	-	-
	FO-XXM060/--BNC	AF---M006	AF---M666
Solid content (%)	68 ± 3	100	72 ± 2
Specific weight (g/cm³)	1,340	1,400	1,260
Viscosity (seconds)	DIN 6 = 48 ± 3	-	-
Pot-life	180 minutes	-	-

General information on the system

Drying at 20°C and UR% between 45 and 65: 150 g/m²

	FL---M720/--C02	FO-XXM060
Dust free	20 minutes	10 minutes
Touch free	2 hours	1 hour
Overcoating	12 hours	6 hours
Sandable	12 hours	6 hours

Application system in order to obtain Class M1 of Reaction to Fire in accordance with NF P 92-501

Wooden substrate preparation	Clean the surface and sand with 120/150 grit sandpaper. Remove the old coating film completely.
Base coat preparation for the application	Mixing by weight: White base coat FL---M720/--C02 80% Fire-retardant additive AF---M666 20% Catalyst FC---M045 20%
Top coat preparation for the application	Mixing by weight: White top coat FO-XXM060/--BNC 85% Pigmented paste EF---M060/--CXX 5% Fire-retardant additive AF---M006 10% Catalyst FC---M045 50%
Base coat and top coat preparation for the application	Dilute up to a maximum of 100% with PU diluent such as DF---M005. Please note that the amount of product to be applied must be recalculated based on the dilution.
Application method	Spray gun
Product application	Apply one coat of white base coat FL---M720/--C02 with a grammage of 80 g/m². Let it dry off for 24 hours and sand lightly with 320 grit sandpaper. Apply one coat of pigmented top coat FO-XXM060 with a grammage of 80 g/m². Total quantity to be applied: 160 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

- Mix the product well before the use.
- 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.
- 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 heat-resistant: do not store at temperatures above 55°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. 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.

Version 01/2019