



Renner Italia S.p.A.
Via Ronchi inferiore, 34
40061 MINERBIO (BO)

YO-02M809/--XXX

2K converter, silky touch effect

Main properties:

• Excellent elasticity and silky touch effect	• High matting uniformity
• Excellent anti-scratch properties	• Good chemical resistances

Versions:

02M809/--NTR	2,5 gloss Clear	02M809/--SBN	4 gloss White
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Recommended use:	• General use	• Flat panels
Application method:	Spray gun, airmix, airless	
Product preparation:	Blend with YC---M402/----- hardener at 15%	

Chemical-physical characteristics (23°C):

	Clear	White
Solid content (%)	27 ± 2	37 ± 2
Specific weight (g/cm³)	1,030 ± 0,030	1,130 ± 0,030
Viscosity DIN 6 (s)	50 ± 10	50 ± 10
pH	8 ± 1	8 ± 1

Application characteristics

Maximum vertical application (wet µm)	100
Recommended n° of coats	1
Recommended quantity per coat	min: 80 max: 120
Spreading rate (m²/l)	7 - 10

General remarks the on the coating system

Drying at 20° C and 45 - 65 RH%: 120 g/m²	
Dust free	2 hours
Can be handled	4 hours
Overcoating	-
Stackable	24 hours

Forced drying: 120 g/m²		
	Temperature	Time
Flash Off	30° C	45'
Laminar air	45° C	2 hours
Cooling	20° C	15'
Stackable	45° C	4 hours

Substrate preparation: Carefully sand the substrate with 280-320 grit paper or specific detergents.

Pigmentability: Use the water-based pigmented pastes from series EY---M690/--XXX. If needed, the topcoat can be pigmented up to a maximum of 10% in clear version and 4% in white version. Please refer to the data sheet of the pastes for information on build, light fastness, etc.

Remarks: when using the NTR base, depending on the color composition, variations in the viscosity of the topcoat may occur. In case of deviations from the standard specifications, intervene by thinning with tap water or by thickening with AY---M453/----- additive in order to reach standard levels.

Application instructions: To obtain the best result, we recommend not to thin with water but to adopt application systems that allow maximum atomization of the product. For example, for spray application:

	Thinning ratio %	Nozzle	Air pressure	Coating pressure
Conventional gun	--	2 - 2,2	3 - 4	--
Airmix	--	--	--	--
Airless	--	--	--	--

The use of pre-atomizers and pre-heaters with product temperatures between 30 and 40° C ensures consistent application throughout the year. Drying should be carried out in areas with good air ventilation (the whole volume of air of the drying room should be changed every 15-20 minutes).

For further information regarding the use of our water-based products, please refer to our Main Guide.

General remarks

- Mix well before use. Any dismixing in can can be easily dispersed and does not compromise the quality of the product.
- If properly stored at temperatures between 5 and 35°C, the shelf life is 12 months.
- On application, the temperature of the product, the substrate and the working environment should never fall below 15°C. Coatings applied at lower temperatures will show chemical and mechanical properties lower than standard performances that can be normally achieved.
- Coating leftovers (washing waters, waters from spray booths, used coatings) must be disposed of according to local regulations. Never dispose of residues directly into drains.
- Application tools must be cleaned with water after use. When dry films must be removed, use AY---M460/-----, letting it work overnight, then rinse with water.

What to do...	Add	Dosage of use	
		%	Grams for 25 litres
if the topcoat dries too quickly	AY---M444/-----	1-2	250 - 500
to improve thixotropy or viscosity	AY---M453/-----	1-2	250 - 500
to eliminate craters/cissings due to environmental pollution	AY---M457/-----	0,2 - 1	50 - 250