



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

# YO xxC762/--XXX

Waterbased converter for interiors

**Main properties:**

• High hardness and softness	• High level of matt
• High uniformity of matt level	•

**Versions:**

<b>10C762/SBN</b>	10 gloss white	<b>10C762/NTR</b>	10 gloss clear	<b>30C762/--SBN</b>	30 gloss White
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<b>Recommended use:</b>	• General purpose	• Furniture for interior
<b>Application method:</b>	Spray (conventional, airless, air mix). Electrostatic guns may be used provided they are suitable for waterborne products	
<b>Product preparation</b>	Ready to use: if necessary dilute with tap water and/or add the crosslinker <b>YC M407</b> (0,5 – 1%) <b>under stirring</b>	

**Chemical-Physical Properties ( 23 °C)**

	Neutre	White
Solid content (%)	29 ± 1	37 ± 1
Specific weight (g/cm <sup>3</sup> )	1,040 ± 0,030	1,160 ± 0,030
<b>All:</b> Viscosity DIN 6 (s)	30 ± 5	
pH	8 - 8,5	

**Application properties**

Max. verticality (µm umidi)	140
Recommended n° of coats	1
REcommended application weight (g/m <sup>2</sup> )	min: 100 max: 140
Interval between coats	-
Spreading rate (m <sup>2</sup> /liters)	6 - 11

**General remarks on the application system**

Drying at 20°C and 45 – 65 RU%: : 120 g/m <sup>2</sup>	
Dust free	45 minutes
Handling	1,5 hours
Overcoating	-
Stackable	12 h

Forced drying: 120 g/m <sup>2</sup>		
	Temperature	Time
Flash Off	30 °C	2 minutes
Laminar air	45 °C	10 minutes
Cooling	20°C	2 minutes
Stackable	1 hour	

**Substrate preparation:** Clean up possible traces of resins, than surfaces must be sanded with 320 -400 grit paper.  
Product' **YOxxC762/XXX** can be applied on waterbased, polyester or UV basecoats. Overcoating of nitro or PU basecoats is not recommended.

**Pigmentability:** refer to Aquaris formula book for interiors YO-76 for colours already formulated at 12% of waterbased pastes **EYM460/XXX**. Topcoat **YO XXC762/ NTR** can be pigmented, if necessary, up to max. 18%, while the white **SBN** base can be pigmented up to only 4%. Refer to the TDS of the pastes for information on coverage, light fastness, etc...

NB: Using the NTR base, depending on the composition of the colour, the viscosity of the topcoat varies. The best viscosity level for application is apprx. 30 seconds DIN 6; this level shall be verified and obtained adding tap water or additive **AY M453**, to be added slowly under stirring.

**Application instructions:** To obtain the best results, it is recommendable not to thin with water but to choose the best application conditions that allow the maximum atomization. For example, for spray application:

	Thinning ratio %	Nozzle	Air pressure	Coating pressure
Conventional spray gun	4 - 6	2 - 2,5	3 - 4	--
Air mix	--	11	0 - 2	80 - 110
Airless	--	11	--	120 - 150

The use of pre atomizers and pre heaters (with temperatures between 30 and 40 °C) ensure better application constancy whatever it is the ambient room. Drying should be carried out in areas with good air ventilation (the whole volume of air of the drying room should be renewed every 15-20 minutes).

For further information regarding the use of waterborne products, please refer to the Main Guide

**General remarks**

- Mix well before use.
- If properly stored at temperatures between 5 and 35°C, shelf life is 12 months
- Do not apply it temperature is lower than 15°C. Coatings applied at lower temperatures will show chemical and mechanical properties lower than standard performances that can be normally achieved.
- Coating left over (washing waters, waters from spray booths, used coatings) must be disposed of according to local regulations. Never dispose residues directly into drains.  
Application tools must be cleaned with water after use. When dry films must be removed, **AY---M460**, special detergent should be used, letting it work overnight and then cleansing with water

What to do in order to.....	Add	% of use	
		%	Grams for 25 liters
If the topcoat dries too quickly	<b>AY M444</b>	1 – 2	250 - 500
If craters/cissings appear due to environmental pollution	<b>AY---M457</b>	0,2 -1	50-250
Increase viscosity	<b>AY M453</b>	0,2 - 4	50-1000
Improve chemical resistance and stacking	<b>YC---M407</b>	0,5 – 1	120-250