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**PRODUCT NAME & CODE: URETAL 9903/MS99****DESCRIPTION: ACRYLIC CLEAR NATURAL EFFECTS****COLOUR: CLEAR****NATURE AND FIELD OF USE**

Two-component acrylic clear self-seal. Suitable for processing cycles on unpainted essences, where the appearance of the support is required to be as natural as possible.

Ideal essences include: ash, oak, chestnut, maple, beech, chemically bleached essences.

Suitable for furniture and its components, millwork and joinery, and kitchens.

**PREPARATION OF PRODUCT:**

CATALYST RATIO	BY VOLUME	BY WEIGHT	CATALYST
100% of Part A	10%	10%	9950/A699

**DILUTION:**

20 to 30% (on Part 'A') for spray applications (gravity cup gun and air-mix).

15 to 20% (on Part 'A') for applications with airless pump.

Use 9038 0000 or in any case, use a suitable polyurethane thinner.

For application with high temperatures and humid climates, it is necessary to add up to 5% retardant thinner, 9058/0000.

**POT-LIFE:**

Catalyzed product and dilution of 30%, pot life >6 hours at a temperature of 20°C/68°F and RH of 60-70%.

**TECHNICAL CHARACTERISTICS:****PHYSICAL CHARACTERISTICS:**

	Part A only	Catalyzed	Tolerance	U.O.M.	Method
Specific Weight (20°C/68°F)	0,919	,922	± 0,025	Kg/l	ME14
Specific Weight (20°C/68°F)	7,674	7.699	± 0,100	lb/USgal	ME14
Viscosity DIN4 (20°C/68°F)	45		± 2	Sec	ME16
Weight solids	19.3	21.6	± 1	kg/kg	ME15
Volume / weight solids	16.4	18.7	± 1	l/kg	ME15
Volume solids	15.1	17.2	± 1	l/l	ME15
VOC	80.7	78.3	± 1	%	
VOC	739.2	722.	± 10	g/l	
VOC	6.3		± 0,1	lb/USgal	
Flash Point	<23 C/73 F				ME12

**THEORETICAL YIELD (Dry film thickness, A+B)**

30 micron	6.2	m <sup>2</sup> /kg	ME82
1 mil	360	Sqft/USgal	ME82

Recommended application quantity: 90 - 125 gr/m<sup>2</sup> (4 to 5 wet mils), maximum 250 gr/m<sup>2</sup> (10 wet mils)

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**DRY TIMES:**

Dust free	10 - 15	Minutes	ME81
Dry to touch	20 - 30	Minutes	ME81
Thoroughly dry	24	Hours	ME81

**DRY FILM (Characteristics)**

Brilliance 60 °: 3 gloss.

Good resistance to yellowing. Good drying speed, softness to the touch and surface hardness.

**SUBSTRATE TYPES AND PREPARATION**

The substrate must be well sanded with 120 - 150 grain sandpaper.

**APPLICATION PROCEDURE:**

Spray: Gravity cup gun, airless or airmix. Ambient humidity between 40 and 70%.

The cycle includes the application of a first coat of product and after at least 4 hours of drying and one light sanding, the manufacturing process is completed, applying the second and last coat.

**STORAGE AND SHELF LIFE**

Attention, the product must be stored in its original containers, away from heat sources, at temperatures between + 5 ° C (+ 41 ° F) and + 35 ° C (+ 95 ° F). The product kept in the aforementioned conditions has a stability of 24 months from the date of production.

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The indications of this newsletter are the result of numerous experiments and should be considered as excellent orientation indicators. However, the methods of application and processing systems are very varied, therefore no guarantee can be assumed for each individual case. This updated version cancels and replaces previous editions.