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PRODUCT NAME & CODE: URETAL 5823/VR01**DESCRIPTION: ACRYLIC WHITE PRIMER****COLOUR: WHITE****NATURE AND FIELD OF USE**

Fast drying two-component white polyacrylic primer; also used as a first coat for open-pore pigmented systems. The product is characterized by excellent verticality, filling, levelling and sanding. For MDF or wood substrates – kitchen or bath cabinets, furniture, furniture elements, turned parts, solid woods such as ash, maple, oak, chestnut veneers.

PREPARATION OF PRODUCT:

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

DILUTION:

20 to 40% (on Part 'A') for spray applications (gravity cup gun and air-mix).

15 to 25% (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 or 9058/MS00.

POT-LIFE:

With catalyzed product & dilution of 30%, pot life >5 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)	1,410	1,329	± 0,05	Kg/l	ME14
Specific Weight (20°C/68°F)	11,775	11,098	± 0,100	lb/USgal	ME14
Viscosity DIN6 (20°C/68°F)	65		± 5	Sec	ME16
Weight solids	63.5	62.1	± 2	kg/kg	ME15
Volume / weight solids	31.6	32.6	± 1	l/kg	ME15
Volume solids	44.6	43.3	± 1	l/l	ME15
VOC	36.51	37,86	± 1	%	
VOC	514.81	503,16	± 10	g/l	
VOC	3.2		± 0,1	lb/USgal	
Flash Point	<23 C/73 F				ME12

THEORETICAL YIELD (Dry film thickness, A+B)

30 micron	10,9	m ² /kg	ME82
1 mil	765	Sqft/Usgal	ME82

Recommended application quantity: 110-130 gr/m² (5 to 6 wet mils) per single coat, max. 250 gr/m² (10 mils) in two coats.

DRY TIMES:

Dust free	10-15	Minutes	ME81
Dry to touch	30-40	Minutes	ME81
Thoroughly dry	6 - 8	Hours	ME81
Sandable	> 4	Hours	ME81
Recoatable (with topcoat	> 8	Hours	ME81

DRY FILM (Characteristics)

Excellent elasticity, adhesion, wettability, sanding.

SUBSTRATE TYPES AND PREPARATION

The support must be well sanded before applying the primer. After drying (at least 4 hours), sanding can be carried out using 280-320 grit abrasive papers. Do not apply thick undercoat to avoid problems due to its removal after overcoating the finish.

APPLICATION PROCEDURE:

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

SUBSEQUENT TREATMENT

After drying and sanding, the acrylic primer can be overcoated with pigmented or transparent products of the same nature.

ADDITIONAL INFORMATION

Do not use this product on substrates that tend to move easily (plywood, multilayer, etc.). Do not use on supports that must be exposed to the outside. Do not exceed the recommended weights to avoid cracking problems.

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.

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.