
Date: 01/01/2024**TECHNICAL DATA SHEET****Page 1/2**

PRODUCT NAME & CODE: URACRIL 9905/R282**DESCRIPTION: ACRYLIC CLEAR SEALER****COLOUR: CLEAR****NATURE AND FIELD OF USE**

Transparent acrylic sealer suitable for coating solid wood, wood veneers and bleaches woods including ash, oak, chestnut, and maple. Ideal for kitchen and bath cabinets, residential and commercial furniture and accessories, turned parts, and millwork and joinery. Excellent transparency, elasticity, adhesion and resistance to yellowing. Good filling, flow and sanding properties.

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.

POT-LIFE:

Catalyzed and with 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)	0,946	,951	± 0,025	Kg/l	ME14
Specific Weight (20°C/68°F)	7,900	7,942	± 0,100	lb/USgal	ME14
Viscosity DIN4 (20°C/68°F)	65		± 2	Sec	ME16
Weight solids	31.4	32.9	± 1	kg/kg	ME15
Volume / weight solids	27.7	29.0	± 1	l/kg	ME15
Volume solids	26.2	27.6	± 1	l/l	ME15
VOC	68.6		± 1	%	
VOC	652.72		± 10	g/l	
VOC	5.25		± 0,1	lb/USgal	
Flash Point	<23 C/73 F				ME12

THEORETICAL YIELD (Dry film thickness, A+B)

30 micron	9.7	m ² /kg	ME82
1 mil	580	Sqft/USgal	ME82

Recommended application quantity: 120-140 gr/m² (5 to 6 wet mils) per single coat, max. 300 gr/m² (10 mils) in two coats.

DRY TIMES:

Dust free	20	Minutes	ME81
Dry to touch	40	Minutes	ME81
Thoroughly dry	12	Hours	ME81
Time between coats (without sanding)	60 – 120	Minutes	ME81
Time between coats (with sanding)	> 6	Hours	ME81

DRY FILM (Characteristics)

Very good sanding characteristics and excellent elasticity.

SUBSTRATE TYPES AND PREPARATION

The substrate must be well sanded before applying the sealer. After drying (at least 6 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%. Depending on the desired coverage, the product can be applied in one or two coats, spaced 60 to 90 minutes apart without intermediate sanding.

ADDITIONAL INFORMATION

Do not use this product on substrates that tend to move easily or considered unstable (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.