



Resin-X Slow: The Future of Resin

Product Description & Tech Data :

Resin-X SLOW is a two component 100% solids High performance moisture cure urathane developed with the needs of the custom/production glass shop in mind. Fast cure times, absolutely no yellowing, Dynamic flex properties and high compressive strength yields a product that feels not like a polyester or epoxy but a hybrid of its own. Water submersion with in 24-48 hours make for a product that leaves the shop fast and gets into the water quick without the use of U.V. lights or post curing rooms. Resin-X should only be tested by the most experienced laminators in your shop. A realistic working time is 15-25 minutes in most cases. Resin-X comes packaged 100% voc compliant however small percentages of solvent can be added to lengthen and shorten dry times or lower the viscosity. It should be noted that Resin-X cures faster in humid environments and higher temps. It also cures slower in larger masses.

SOLIDS BY WEIGHT:

100% (+/- 1%)

SOLIDS BY VOLUME:

100% (+/-1%)

VOLATILE ORGANIC CONTENT:

Zero pounds per gallon

COLORS AVAILABLE:

Clear- gardner color 1-2

PACKAGING INFORMATION:

1.3 gallon kit (net approximately)

2.6gallon kits (net approximately)

MIX RATIO:

6.9 pounds part A to 4.7 pounds part B (approximately 1.2 gallon mixed per this kit size)

SHELF LIFE:

6 months in unopened containers

FINISH CHARACTERISTICS:

Gloss (>75 at 60 degrees @ Erichsen glossmeter)

COMPRESSIVE STRENGTH:

12,000 psi @ ASTM D695

TENSILE STRENGTH:

3,900 psi @ ASTM D638

ULTIMATE ELONGATION:

2.4%

HARDNESS:

Shore D= 80

ABRASION RESISTANCE:

Taber abraser CS-17 calibrase wheel with 1000 gram total load and 500 cycles= 21 mg loss

VISCOSITY:

Mixed= 1,000-2,000 cps (typical)

DOT CLASSIFICATIONS:

Part A "not regulated"

Part B "not regulated"

CURE SCHEDULE: (70°F)
pot life -(1 gallon volume)....
15-25 minutes working time
tack free (dry to touch)....
1-3 hours
recoat or topcoat..... 2-5 hours
light foot traffic... 2-5hours
full cure (heavy traffic)... 24-48
hours

APPLICATION TEMPERATURE:
50-90 degrees F with relative
humidity below 85% for best results

CHEMICAL RESISTANCE:

REAGENT	
RATING	
xylene	C
1,1,1 trichloroethane	B
MEK	A
methanol	B
ethyl alcohol	B
skydrol	C
50% sodium hydroxide	E
10% sulfuric acid	C
10% HC1 (aq)	C
5% acetic acid	C

Rating key: A - not recommended, B

For further questions
contact Matt Campbell at 248.830.4122

- 2 hour term splash spill, C - 8 hour
term splash spill, D - 72 hour
immersion, E - long term immersion.
**NOTE: extensive chemical
resistance information is available
through your sales representative.**

LIMITATIONS:

*Color stability may be affected by
environmental conditions like high
humidity/chemical exposure.

Exposure to some types of lighting
such as sodium vapor lights may
cause discolorations.

*Clarity of color may vary from
batch to batch.

*Substrate temperature must be
5°F above dew point.

*Too thick of an application may
result in surface imperfections or
bubble generation.

*Always apply a test patch to
determine product suitability and
adhesion performance for your
proposed application method and
procedures.

*Do not expose this product to
water until fully cured.

*See reverse side for application
instructions.

*Physical properties are typical
values and not specifications.