



RESIN SERVICES INC./PRODUCT DATA BULLETIN

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Room Temperature Surface Coat (Boeing Specifications)

RSC-301-XB

Ratio: 100 pbw to 24 pbw

Hardener: SC-150-NB

General Description: RSC-301-XB is a light blue room temperature curing, epoxy surface coat. RSC-301-XB will serve a variety of applications as it is a universal surface coat. RSC-301-XB has excellent brushability and will not sag on vertical surfaces. The unique aspect of this surface coat is its ability to bond to another surface coat or laminating resin after it is fully cured. Most surface coats must have the second surface coat applied within 45 – 60 minutes. RSC-301-XB with SC-150-NB Hardener can be applied up to 24 hours after the initial surface coat. By letting the first surface coat tack or cure fully you eliminate the air holes on the surface and telescoping of fiberglass fabric. The process has many advantages over most others. SPECS: D32102 Code: GSG

Typical Physical Properties:

Ratio by Weight	100 pbw to 24 pbw
Ratio by Volume	2.6 to 1
Pot Life (200 gram mass)	15-20 minutes
Cure Time	12-24 hours
Shore "D" Room Temperature	82
Flexural Strength	12,500
Tensile Strength	10,000
Compressive Strength	16,300
Heat Distortion	200°F
Density Resin	13.3
Density Hardener	8.3
Density Mixed	12.33
Specific Gravity Resin	1.60
Specific Gravity Hardener	1.00
Specific Gravity Mixed	1.48
Shelf Life Resin/Hardener	1 year
Machinability	Good
Tack Time @ 77°F	30-45 minutes
Color Resin: White Color Hardener: Blue Color Mixed: Light Blue	

Falling Dart Gardner Impact-Passes 30 in./lb., no delamination on gel coat for reverse impact. (2 coats of gel coat 1/32", 4 ply .014 fiberglass cloth)

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