



**AMERICANPRECOAT**  
SMILE WITH SCIENCE

# SMP Coil Coating



**The SMP Coil Coating** has excellent Long Gloss retention. It is Proprietary High Durability Polyester Resin modified with Silicon for resistance to chalking and fading. It is Corrosion protecting in severe environments.



It contains high quality Exterior grade and ceramic Pigmentation to provide superior color stability.



SMP  
Coil Coating

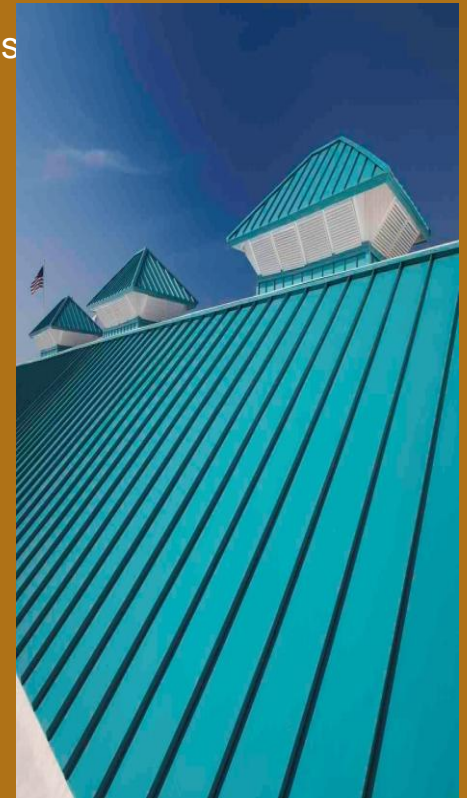


**The SMP Coil Coating** Cost effective choice for Commercial and Monumental applications. SMP finishes are designed for application to primed Hot Dipped Galvanized, Zinc-Aluminum Alloy Steel (i.e Zinalume Galvakume) cold rolled steel and Aluminum substrates.



**SMP Coil Coating is used** on all Building Components especially Roof and Side Panels, Soffic, Fascia, etc.

- Stain Resistant resin that improves Scratch and Metal Marking resistance.
- Tough, yet flexible enough to be embossed and easily take a 0 to 2-T bend on roll forming.
- Available in a wide variety of standard and custom colors and textures.
- An efficient custom color matching process provides quick delivery of special colors to meet customer needs.



# SMP Coil Coating

# SRISOL RU- 602 SMP, HIGH HARDNESS TOPCOAT

RU 602 is a Silicone Modified coil coating product suitable as top coat for interior application with high hardness.

## PAINT - LIQUID PROPERTIES

% Theoretical Solids by volume	Min 44%
Theoretical Coverage	Min 440 Sqm/ltr/micron
Specific Gravity	1.05 ± 0.50
Shelf Life	Six months from date of Mfg if stored at RH < 50% & ambient temp < 32°C
Viscosity	120 +/- 30 sec

## APPLICATION DATA

Application Method	Reverse Roll Coat
Thinner	SS23
Substrate	HDG/Galvanised/Galvalume
Recommended Primer	SRISOL Ru502 PU or Ru502
PP Recommended DFT	Min 15 Micron
Recommended Wet Film	Min 36 Micron
Peak Metal Temperature (department) at RH & Dwell Time	: 224 - 232°C across the width for 25 - 35 sec (Thickness 38 - 45% at 35 deg C
Pretreatment	Srisol approved pre-treatment with DFT of min 8-9 mgCr/sqft and 3-4 g/sm of Zn-p or Fe-p or X-p and or approved depassivation process

## FILM PROPERTIES

(AT-Bend dhesion)	No Tape off - 0 to 2T*
T-Bend (Flexibility)	No Cracks at 0.5 to 2T*
Cupping	No Tape off at > 7.5mm*
Reverse Impact (Adhesion)	No Tape off till min 13 J*
Reverse Impact (Flexibility)	No cracks -13 J*
Gloss(60 deg)	10-95%
MEK Rubs	Passes >100 MEK D/R
Scratch Hardness	>18 N
Water Boil (30min)	Pass
Cross Hatch (2 min)	Pass

\* VARIES ACCORDING TO SUBSTRATE, CUSTOMER REQUIREMENT AND PRETREATMENT QUALITY.

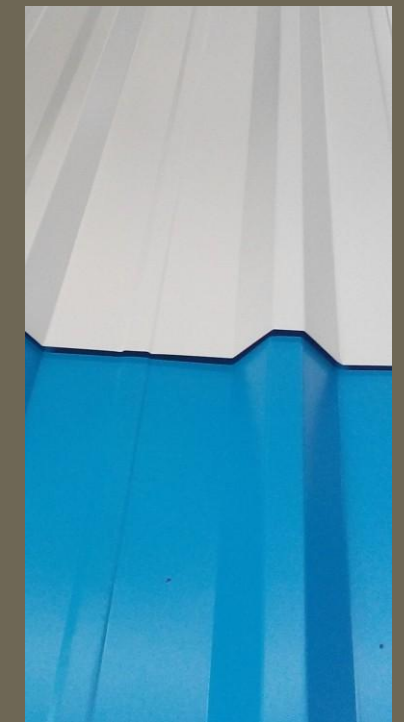
\* IF APPLIED ON STEEL WITH APPROVED SURFACE QUALITY AND UNDER APPROVED PROCESS PARAMETERS.

## WEATHERING PER

- 500 hr	(with Topcoat) Salt Spray (ASTM B117)
- 750hr	( with Topcoat)
Humidity (ASTM D-2247)	- 750 -1000hr ( with Topcoat)

QUV ( ASTM D-4587)

## FORMANCE



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