



# PARAGON

## INDUSTRIAL METAL COATING LLC

## PRE-PAINTED STAINLESS-STEEL JACKETING WITH PSMB

### DESCRIPTION

At paragon Coating, we have a finely developed paint that is used for stainless steel jacketing. It's a PVDF, polyester acrylic epoxy paint. The thickness is in the range of 15 to 25 microns. Applying this paint makes the stainless-steel object improve aesthetic, color coding, better emittance value, and higher corrosion protection. It is used on pipes, tanks, and other insulation systems. It also protects from UV exposure, corrosion, and water. The Exterior side will be laminated with the film has a 3-mil thick Polyfilm moisture barrier coating shortly abbreviated as PSMB coating. This is heat laminated during the final application process to have higher corrosion resisting capabilities. We recommend using the PSMB for all your purposes, but we also have a finely coated wash coat paint which you can choose as well.

### COLORS

There are multiple color options available with PIMC as per RAL chart. There are more color choices available which you can check out once you confirm the order.

### COMPOSITION

The stainless-steel jacketing cladding is used on two different alloys of stainless steel.

These are the -

T-304/T-304L

And the T-316/T-316L

These alloys are used because they comply with the ASTM 240 and are made using a soft annealed temper on which doing fabrication is easier.

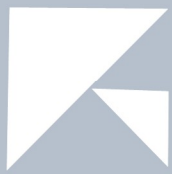
Properties	T-304/304L	T-316/316L
Yield Strength - PSI	30,000/25,000	30,000/25,000
Tensile Strength - PSI	75,000/70,000	75,000/70,000
Chromium	17.5% - 19.5%	16.0% - 18.0%
Nickle	8.0%	10.0% - 14.0%
Molybdenum	0.0%	2.0% - 3.0%

### EMITTANCE

The stainless-steel jacketing has an emittance value of 0.80

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Landline: +97165460860, E: info@paragoncoating.com, P.O. Box Number : 3855,  
Add : Plot No. 0849, Sector-5, Area 1, UMM AL QUWAIN U.A.E



## PRE-PAINTED STAINLESS-STEEL JACKETING WITH PSMB

### WHAT ARE THE USES?

It helps to increase the resistance to corrosion on the stainless-steel jacketing.  
The emittance value is increased because of using this PSMB paint.  
It also increases the aesthetic value of the substance such as pipes and tanks.

### SURFACE FINISHES

Three basic surface finishes can be achieved. These are smooth, stucco, and embossed.  
If your tank or pipe is a generally larger diameter, then we also have deeply painted corrugated sheets available too. You can take our expert guidance on knowing what type3 of finishing is best for you in line with the prevailing weather conditions in your area.

### POLYSURLIN MOISTURE BARRIER

It is a highly engineered paint consisting of polyethylene and Surlin polymers. The overall thickness of the film is 3 milli which are heat laminated during the application process. It prevents the appearance of crevices, pitting, cracks, and galvanic corrosion on the inside surface of the tanks and pipes.

### COMPLIANCE TO STANDARDS

The stainless-steel jacketing process that we use in our factory ensures that it is also maintaining the industry-standard process of ASTM A-240 all the time for chemical and strength requirements.

### AVAILABLE SIZES

There are various available sizes that you can get at Paragon coating for stainless steel jacketing. Talk tour experts to make a custom size that fits your needs.

Finishes	Thickness (mm)	Width (mm)
Smooth/Stucco	0.30, 0.40, 0.50, 0.60, 0.80 & 1.00	914/1000
3/16" Corrugated	0.30, 0.40, 0.50, 0.60	914/1000
1-1/4" & 2-1/2" Deep Corrugated	0.30, 0.40, 0.50, 0.60 & 0.80	840

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