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STANDARD

# URETHANE

STANDARD

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# CHARACTERISTICS AND USAGE

Polyurethane resin paint is most eco-friendly for a high-durable product. It has high flexibility, durable adhesion, Abrasion and chemical resistance. Also, it does not make pollution during production and after installation.

- The prepainted steel sheet is coated or baked with paint containing polyurethane resin.
- Recommend for exterior as roofing, cladding and drain water system parts.
- Generally, we warrant to 25years for normal condition.  
You may ask our assistance staff for assistance.

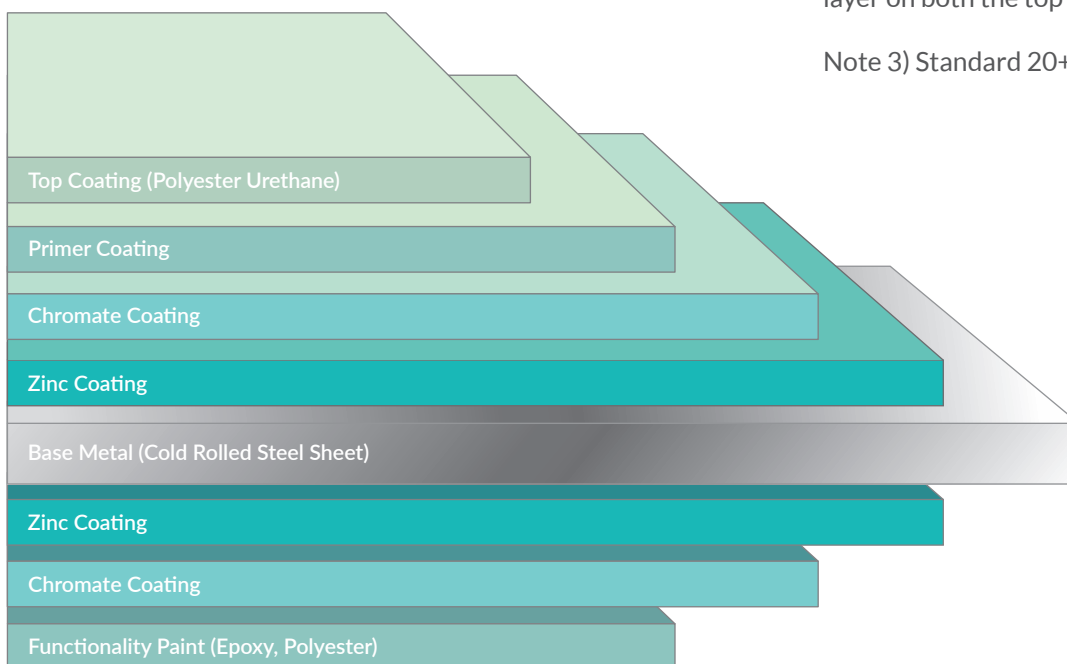
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## SECTION OF PAINTED PRODUCT

Note 1) Materials used for prepainted steel sheet:  
GI, SGL, AL, SUS etc.

Note 2) 2COAT 2BAKING is available for coating  
layer on both the top and back sides.

Note 3) Standard 20+30 $\mu$ m



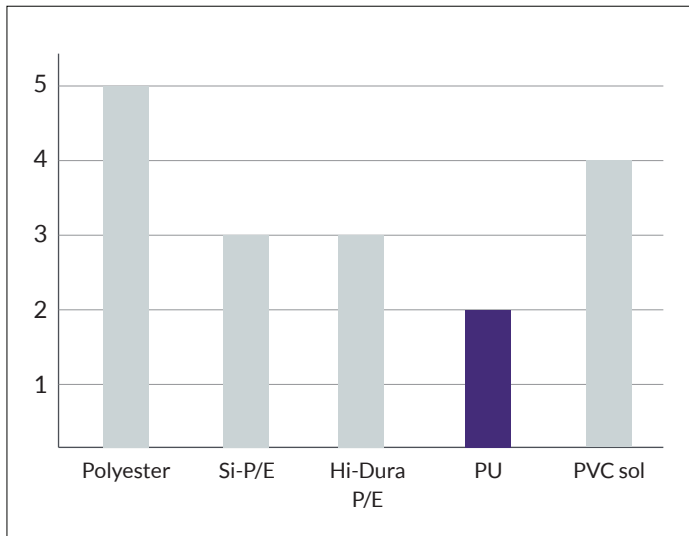
# TEST RESULTS

## 1 QUV Test (Accelerating Weathering 1000Hr)

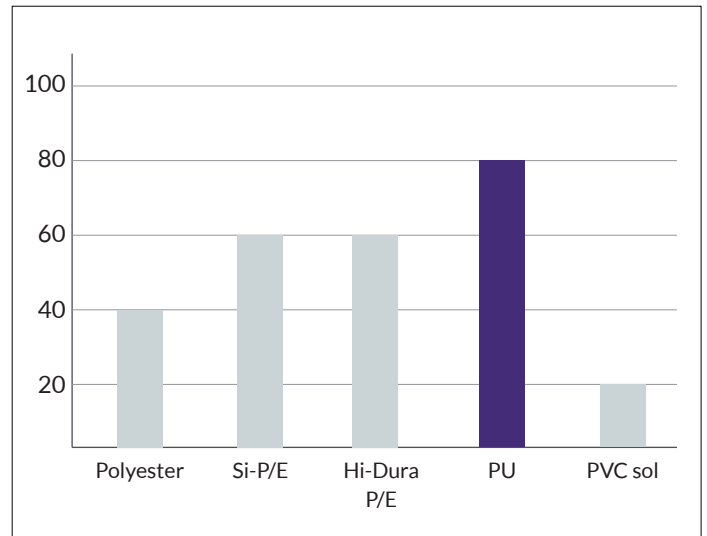
ITEM ITEM (ASTM G154)		PU	PVCsol
Color difference	Cream color	DE 0.5	DE 1.67
	Green color	DE 1.5	DE 4.53
Gloss Retention	Cream color	80%	6%
	Green color	80%	-

## 2 QUV Test (Weather Resistance)

- Color difference



- Gloss Retention



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# HANDLING DESCRIPTION

## 1 During transportation

- At the process of transportation, pls. attach the rubber pad on the skid to avoid the block ing problem. And pls, cover the coil to protect from rain or snow that might cause from white rust.

## 2 Storage & handling

- The coil must be kept in the warehouse pls. Handle it with care. And pls, do not pile up more than two stories.

## 3 Using

- If some part of surface is contaminated, pls. wash it away with a solvent. And if any peel-off, you should follow the instruction that we would give.

## 4 Long term storage

- This should be used (roll formed or fabricated) within 6 months from shipping date. It may take place the zinc peel-off because of aging effect.

## 5 Application use

- All forming, cutting, transportation storage, and installation of the roofing sheets or panels should be carried out in accordance with good standards of practice, and in particular any storage of the product at a building site should not exceed one month, during which time the product should be kept dry and away from sources of wet or moisture.
- Forming, fabricating and all processing should be carried out in such a way that does not cause cracks or scratches in the coatings.

## 6 Beware moisture

- They should be protected from moisture which can cause white rust or rust.