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**HIGH WEATHER  
RESISTANCE LINE**

**SILICON**

# CHARACTERISTICS AND USAGE

Silicon Polyester is one of the high durable weather resistance resin. It has advance UV durability then RMP resin. It is added silicon component on polyester to enhance chemical molecular binding.

- It is a popular construction material because of its highly weather resistant properties.
- Countries, including Korea, that have industrial complexes along their coastal regions will find it more economical to use steel plates coated with Si-P/E paint than PE paint.
- Steel plate for roof in factory complex, Sandwich panels etc.
- Generally we provide 10~15years depends of environment and country. You may ask more details to our staff.

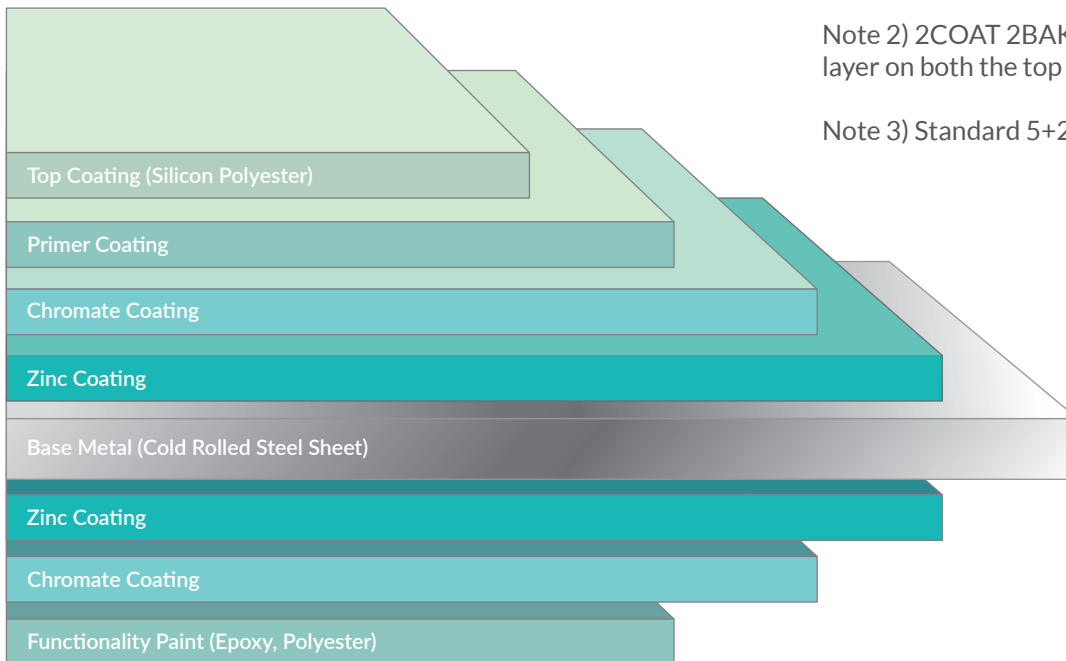
| ITEM               | RMP      | HDP     | SPE           | PVDF         |
|--------------------|----------|---------|---------------|--------------|
| WEATHER RESISTANCE | Standard | Durable | Extra Durable | Most Durable |

# SECTION OF PAINTED PRODUCT

Note 1) Materials used for prepainted steel sheet: GI, GA, EGI, SGL, AL, BP, TFS, TP, SUS, ALCOT etc.

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

Note 3) Standard 5+20 $\mu$ m



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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.