

General Product Description

Available in regular and matt finishes, Nova has a coating thickness that is optimized for wear and weather resistance. In fact, Nova can even be used in industrial and marine environments. It has greater durability than standard polyester when exposed to people walking on the roof and other roof stresses.

SSAB color coated products comply with current REACH regulations and are fully free of chromates. Color coated products are all manufactured according to EN 10169 + A1.

Technical Properties

Technical Properties	Regular	Matt
Gloss	40	10
Minimum inner bending radius	1 x sheet thickness	1 x sheet thickness
Scratch resistance	35 N	35 N
Lowest Forming Temperature	-10 °C	-10 °C
UV Radiation Resistance	R _{UV} 3	R _{UV} 3
Corrosion Resistance	RC5	RC5
Stain Resistance	Very good	Very good
Highest Operating Temperature	100 °C	100 °C
Fire classification, EN 13501-1	A2 s2 d0	A2 s2 d0
Coating thickness, nominal	50 µm	50 µm
Primer thickness, nominal	25 µm	25 µm
Coating structure	Structured	Structured
Steel designation*	S280GD, S320GD, S350GD	S280GD, S320GD, S350GD
Zinc Coating	275 g/m ²	275 g/m ²
Min steel thickness*	0.5 mm	0.5 mm
Steel width*	1000 - 1500 mm	1000 - 1500 mm

* Maximum steel thickness is 1.5 mm and maximum steel width depends on steel thickness. For other steel dimensions or steel grades please contact SSAB Tech Support.

Colors

Below are the colors currently available. Other colors can be agreed upon separately.

To ensure tonal consistency of metallic colors on a single exterior face, all material should come from the same production batch. The directionality of metallic surfaces should also be consistent especially when sheets are cut to size.

Colors	Regular	Matt
Winter White - RR20 / SS0005	x	
Pebble Grey - RR21 / SS0011	x	
Stone Grey - RR22 / SS0554	x	
Mountain Grey - RR23 / SS0036	x	x
Nordic Night Black - RR33 / SS0015	x	x
Walnut Brown - RR32 / SS0387	x	x
Cottage Red - RR29 / SS0758	x	x
Red - RR7H1 / SS6012		x

Reverse Side Coating

Unless otherwise specified, the reverse side of the sheet is painted with a two-layer coating to further improve the corrosion resistance of the end product. The coating provides good adhesion properties to many adhesives and foams; nevertheless the compatibility needs to be tested case-specifically.

Technical Properties	
Nominal Coating Thickness	12 µm
Primer	5 µm
Color	Grey
Corrosion resistance	Min CPI3

For easy material identification the reverse side of the sheet is stamped with e.g. the SSAB logo and the product name. The production year is marked to ease material traceability and can be referred to within the guarantee period. An arrow shows the direction of production to ensure installation in a uniform direction.

Contact Information

www.ssab.com/contact