

# **Polyester**

#### **General Product Description**

The product is available in many colors and is typically used in profiled applications such as warehouses, agricultural constructions, halls and sheds. SSAB's Polyester possesses good weather resistance properties with a smooth surface, but can also be supplied with a wrinkled surface (Matt Polyester).

The reverse side of the sheet is painted as standard with a two-layer grey backside coating.

SSAB's color coated products are all manufactured according to EN 10169 + A1.

### **Technical Properties**

Technical Properties	Regular
Gloss	35
Minimum inner bending radius	3 x sheet thickness
Scratch resistance	20N
UV Radiation Resistance	R <sub>UV</sub> 2-3
Corrosion Resistance	RC3
Stain Resistance	Satisfactory
Highest operating temperature	90 °C
Fire Classification	A1
Coating thickness, nominal	25 μm
Primer thickness, nominal	6 μm
Coating structure	Smooth
Steel designation	S280GD-S350GD, DX51D
Zinc Coating	275 g/m <sup>2</sup>
Min steel thickness*	0.42 mm
Steel width**	1000- 1500 mm

<sup>\*</sup> If other steel thickness is required, please contact SSAB Technical Customer Support (TCS). Max steel thickness is 1.5 mm

#### Colors

Please find below the standard colors available. Other shades can be agreed upon separately.



<sup>\*\*</sup> Max steel width depends on steel thickness. If other steel dimensions are needed, please contact SSAB Technical Customer Support (TCS)

010- White         x           015- Black         x           022- Grey Mist         x           036- Lead Grey         x           045- Silver         x           078- Ivory         x           087- Anthracite         x           145- Sand Yellow         x           384- Dark Brown         x           418- Burgundy         x           438- Chocolate Brown         x           438- Horborder Brown         x           416- Goosewing Grey         x           507- Sky Blue         x           558- Baltic Blue         x           742- Brick Red         x           758- Maroon         x           762- Auburn         x           830- Pine Green         x           874- Leef Green         x           975- Anduer Copper         x           RR 11- Spruce Green         x           RR 21- Light Grey         x           RR 22- Light Grey         x           RR 23- Dark Groy         x           RR 24- Light Yellow         x           RR 26- Yellow         x           RR 29- Red         x           RR 31- Brown         x <th>Colors</th> <th></th>	Colors	
015- Black         x           022- Grey Mist         x           036- Lead Grey         x           078- Nory         x           087- Anthracte         x           145- Sand Yellow         x           384- Dark Brown         x           387- Coffee Brown         x           418- Burgundy         x           43- Chocolate Brown         x           461- Goosewing Grey         x           502- Sky Blue         x           502- Sky Blue         x           520- Sky Blue         x           742- Brick Red         x           758- Baltic Blue         x           742- Brick Red         x           758- Marcon         x           742- Auburn         x           830- Pine Green         x           874- Leaf Green         x           874- Leaf Green         x           874- Leaf Green         x           874- Leaf Green         x           872- Auburn         x           872- Mittige Copper         x           872- Light Green         x           872- Green         x           872- Grey         x		x
022- Grey Mist         x           036- Lead Grey         x           045- Silver         x           087- Anthracite         x           145- Sand Yellow         x           384- Dark Brown         x           387- Coffee Brown         x           418- Burgundy         x           434- Chocolate Brown         x           436- Goosewing Grey         x           502- Sky Bibe         x           525- Baltic Blue         x           742- Brick Red         x           758- Maroon         x           752- Auburn         x           830- Pine Green         x           874- Leaf Green         x           874- Leaf Green         x           875- Antique Copper         x           RR 11- Spruce Green         x           RR 20- White         x           RR 21- Light Grey         x           RR 22- Grey         x           RR 22- Grey         x           RR 22- Grey         x           RR 22- Grey         x           RR 24- Light Yellow         x           RR 25- Dark Grey         x           RR 29- Red         x		
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RR 21- Light Grey       x         RR 22- Grey       x         RR 23- Dark Grey       x         RR 24- Light Yellow       x         RR 26- Yellow       x         RR 29- Red       x         RR 30- Light Brown       x         RR 31- Brown       x         RR 32- Dark Brown       x         RR 33- Black       x         RR 34- Light Blue       x         RR 35- Blue       x         RR 36- Light Green       x         RR 37- Green       x         RR 750- Tile Red       x	RR 11- Spruce Green	x
RR 22- Grey       x         RR 23- Dark Grey       x         RR 24- Light Yellow       x         RR 26- Yellow       x         RR 29- Red       x         RR 30- Light Brown       x         RR 31- Brown       x         RR 32- Dark Brown       x         RR 33- Black       x         RR 34- Light Blue       x         RR 35- Blue       x         RR 36- Light Green       x         RR 37- Green       x         RR 750- Tile Red       x	RR 20- White	x
RR 23- Dark Grey       x         RR 24- Light Yellow       x         RR 26- Yellow       x         RR 29- Red       x         RR 30- Light Brown       x         RR 31- Brown       x         RR 32- Dark Brown       x         RR 33- Black       x         RR 34- Light Blue       x         RR 35- Blue       x         RR 36- Light Green       x         RR 37- Green       x         RR 750- Tile Red       x	RR 21- Light Grey	Х
RR 24- Light Yellow       x         RR 26- Yellow       x         RR 29- Red       x         RR 30- Light Brown       x         RR 31- Brown       x         RR 32- Dark Brown       x         RR 33- Black       x         RR 34- Light Blue       x         RR 35- Blue       x         RR 36- Light Green       x         RR 37- Green       x         RR 750- Tile Red       x	RR 22- Grey	х
RR 26- Yellow       x         RR 29- Red       x         RR 30- Light Brown       x         RR 31- Brown       x         RR 32- Dark Brown       x         RR 33- Black       x         RR 34- Light Blue       x         RR 35- Blue       x         RR 36- Light Green       x         RR 37- Green       x         RR 750- Tile Red       x	RR 23- Dark Grey	х
RR 29- Red       x         RR 30- Light Brown       x         RR 31- Brown       x         RR 32- Dark Brown       x         RR 33- Black       x         RR 34- Light Blue       x         RR 35- Blue       x         RR 36- Light Green       x         RR 37- Green       x         RR 750- Tile Red       x	RR 24- Light Yellow	x
RR 30- Light Brown x RR 31- Brown x RR 32- Dark Brown x RR 33- Black x RR 34- Light Blue x RR 35- Blue x RR 36- Light Green x RR 37- Green x RR 750- Tile Red x	RR 26- Yellow	X
RR 31- Brown x RR 32- Dark Brown x RR 33- Black x RR 34- Light Blue x RR 35- Blue x RR 36- Light Green x RR 37- Green x RR 750- Tile Red x	RR 29- Red	х
RR 32- Dark Brown x RR 33- Black x RR 34- Light Blue x RR 35- Blue x RR 36- Light Green x RR 37- Green x RR 750- Tile Red x	RR 30- Light Brown	X
RR 33- Black x  RR 34- Light Blue x  RR 35- Blue x  RR 36- Light Green x  RR 37- Green x  RR 750- Tile Red x	RR 31- Brown	x
RR 34- Light Blue x RR 35- Blue x RR 36- Light Green x RR 37- Green x RR 750- Tile Red x	RR 32- Dark Brown	X
RR 35- Blue x  RR 36- Light Green x  RR 37- Green x  RR 750- Tile Red x	RR 33- Black	х
RR 36- Light Green x RR 37- Green x RR 750- Tile Red x	RR 34- Light Blue	X
RR 37- Green x RR 750- Tile Red x	RR 35- Blue	x
RR 750- Tile Red x	RR 36- Light Green	X
	RR 37- Green	x
RR 887- Chocolate Brown x	RR 750- Tile Red	X
	RR 887- Chocolate Brown	X

## Standard Reverse Side Coating

Technical Properties	
Nominal Coating Thickness	12 μm
Primer	5 μm
Color	Dark grey

