

GreenCoat Hiarc

General Product Description

GreenCoat Hiarc is available in Regular and Matt finishes and now also with Shine Effect. Regular and Matt finishes has a wide range of attractive colors as well as metallic colors with long production experience resulting good color and gloss consistency. Shine Effect has through multilayer coating a special appearance providing glittery but coloured appearance and excellent properties.

GreenCoat Hiarc is a product targeted to high-end facades where the demands are high, but can be used also in roofing applications. GreenCoat Hiarc possesses excellent weather resistance properties and tolerates forming well. However, if extended corrosion properties are required, such as for buildings near a coastline, we offer GreenCoat Hiarc Max, which provides the necessary properties for this environment. Since the coating contains fluorine, the surface stays cleaner compared to other products. However, if needed the coating is also easy to clean due to hard surface. If needed, strippable protective films are available for this product.

The reverse side of the sheet is painted as standard with a two-layer grey backside coating. GreenCoat color coated products are all manufactured according to EN 10169 + A1.

Technical Properties

Technical Properties	Regular	Matt	Shine Effect
Gloss	35***	4	35
Minimum inner bending radius	1 x sheet thickness	1 x sheet thickness	1 x sheet thickness
Scratch resistance	30N	30N	35N
UV Radiation Resistance	R _{uv} 4	R _{uv} 4	R _{uv} 4
Corrosion Resistance	RC4	RC4	RC5
Stain Resistance	Excellent	Excellent	Excellent
Highest Operating Temperature	110 °C	110 °C	110 °C
Fire classification	A1 s1 d0	A1 s1 d0	A1 s1 d0
Coating thickness, nominal	27 µm	27 µm	40 µm
Primer thickness, nominal	7 µm	7 µm	6 µm
Steel designation	S280GD, S320GD, DX51D	S280GD, S320GD, DX51D	S280GD, S320GD, DX51D
Zinc Coating	275 g/m ²	275 g/m ²	275 g/m ²
Min steel thickness [†]	0.50 mm	0.50 mm	0.50 mm
Steel width ^{**}	1000- 1500 mm	1000- 1500 mm	1000- 1500 mm

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

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

*** In some metallic shades the target gloss is different.

Colors

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

Different production batches of metallic colors should not be used next to each other on a facade or a roof, even if they are of the same color and even though all coils come from different orders have the same tolerance compared to the color master standard. To ensure tonal consistency, all material should come from the same production batch. The directionality of metallic surfaces, should also be consistent especially when panels are cut to size.

Colors	Regular	Matt	Shine Effect
RR 11- Spruce Green	x		
RR 20- White	x		x
RR 21- Light Grey	x		
RR 22- Grey	x		
RR 23- Dark Grey	x	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	x	
RR 34- Light Blue	x		
RR 35- Blue	x		
RR 36- Light Green	x		
RR 37- Green	x		
RR 40- Metallic Silver	x	x	
RR 41- Metallic Dark Silver	x	x	
RR 42- Metallic Gold	x		
RR 43- Metallic Copper	x		
RR 44- Metallic Blue	x		
RR 45- Metallic Graphite	x	x	
RR 750- Tile Red	x		

Standard Reverse Side Coating

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

Contact Information

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