



# GreenCoat® Hiarc Max Cool

GreenCoat Hiarc Max Cool acts as a heat shield for your building and as with all GreenCoat products is characterised by its high quality offering excellent formability, high scratch resistance and long lasting appearance.

GreenCoat Hiarc Max Cool for roofing features special solar heat reflecting properties that make the surface stay cooler than regular coated surfaces. For buildings that need cooling, this product helps to save energy and increases the thermal comfort.

The largest difference in surface temperature between GreenCoat Hiarc Max Cool and standard products is achieved for dark colours.

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

## GreenCoat Hiarc Max Cool

### Typical colour values

Total solar reflectance<sup>1</sup> and Thermal IR emittance<sup>2</sup> describes the product properties.

Colours	Thermal total solar reflectance <sup>1</sup>	
	Hiarc Max Cool	Standard colour
23 - Dark Grey	0.83	0.87
106 - White	0.85	0.85
40 - Metallic Silver	0.68	0.68
41 - Metallic Dark Silver	0.85	0.72

Colours	Thermal IR emittance <sup>2</sup>	
	Hiarc Max Cool	Standard colour
23 - Dark Grey	0.26	0.09
106 - White	0.74	0.74
40 - Metallic Silver	0.55	0.55
41 - Metallic Dark Silver	0.83	0.29

<sup>1</sup> Measurements were taken by an accredited independent test laboratory according to ASTM.

<sup>2</sup> Measurements were taken by an accredited independent test laboratory according to ASTM EC1371-98

## Features

- Acts as a heat shield for your building
- Features special solar heat reflecting properties that make the surface stay cooler than regular coated surfaces
- Helps to save energy and increases the thermal comfort
- Dark colours achieve the largest difference in surface temperature between GreenCoat Hiarc Max Cool and standard products
- Steel substrate: S280GD
- Min steel thickness 0.5mm
- Available in regular (35) gloss finishes

## Technical Properties

Coating Guarantee	40 Years*
Coating Thickness	40 Microns
Reverse Coating	12 Microns
Coating Embossing	Slightly Textured
Scratch Resistance	35N
UV Radiation Resistance	R <sub>UV</sub> 4
Corrosion Resistance	RC5
Stain Resistance	Excellent
Highest Operating Temperature	110°C