

## GreenCoat Mica BT

### General Product Description

It is developed specifically for use in roofing profiles or tiles with high aesthetic demands.

The product is manufactured according to the BT patent (Bio-based Technology) and therefore holds a high environmental position. In BT coating where a substantial portion of the traditional fossil oil is replaced by Swedish rapeseed oil, which is unique on the market. SSAB holds a worldwide patent for this coating technology.

The thickness of the BT coating is optimized for wear resistance, weathering resistance and low resource consumption. GreenCoat Mica BT possesses very good gloss retention and color fastness and also provides good protection against corrosion.

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          | Matt                   |
|-------------------------------|------------------------|
| Gloss                         | 5                      |
| Minimum inner bending radius  | 1.5 x sheet thickness  |
| Scratch resistance            | 30 N                   |
| UV Radiation Resistance       | R <sub>uv</sub> 3      |
| Corrosion Resistance          | RC5                    |
| Stain Resistance              | Very good              |
| Highest Operating Temperature | 100 °C                 |
| Fire classification           | A2 s1 d0               |
| Coating thickness, nominal    | 30 µm                  |
| Primer thickness, nominal     | 7 µm                   |
| Coating structure             | Structured, glittery   |
| Steel designation             | S280GD, S320GD, S350GD |
| Zinc Coating                  | 275 g/m <sup>2</sup>   |
| Min steel thickness*          | 0.50 mm                |
| Steel width**                 | 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)

### Colors

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

Different production batches 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 should also be consistent especially when panels are cut to size.

| Colors                            |   |
|-----------------------------------|---|
| 010- White                        | x |
| 0455- Graphite Grey               | x |
| 461- Goosewing Grey               | x |
| RR23 / SS0036- Mountain Grey      | x |
| RR29 / SS0758- Cottage Red        | x |
| RR2H8 / SS0087- Anthracite Grey   | x |
| RR32 / SS0387- Walnut Brown       | x |
| RR33 / SS0015- Nordic Night Black | x |
| RR35 / SS0558- Lake Blue          | x |
| RR7F2 / SS0742- Brick Red         | x |
| RR7G3 / SS0762- Red Clay          | x |
| RR827 / SS0434- Acorn Brown       | x |

## Standard Reverse Side Coating

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

## Contact Information

[www.ssab.com/contact](http://www.ssab.com/contact)