

Integrated solarroofs with esthetics

Solar roofs are roofs with invisible built-in solar cells. The roof produces electricity where it is consumed with the same look as conventional roofs in a stylish and matt surface in gloss 7 with minimal glare.

Solartag T-ROOF™ roof shingles

Size (covered)
38-30 x 116 cm

Material
Shingle roof made in tempered glass

Strength
Very high breaking strength

Warrenty (roof)
40 years product warranty

Effect
71 Wp

Integration
Invisible solar cells

Design
T-ROOF™

Warrenty (solarcells)
25 years performance warrenty



T-ROOF™



Positive footprint

+80 years lifespan



An active roof

For you & the environment



Mobil app

Monitor your solar effect

| Electrical specifications | | STC: Irradiance @1,000 W/m ² - AM1.5 - Module temperature 25°C | | | | |
|------------------------------|----------------------|---|----------------------|---------------------|---------------------|-----------|
| Module type | P _{mpp} [W] | I _{mpp} [A] | V _{mpp} [V] | I _{sc} [A] | V _{oc} [V] | Tolerance |
| TRoof GB 1160x435 2x7 MFC | 71 | 8.15 | 8.10 | 8.99 | 9.50 | +/-3% |

| Mechanical specifications | |
|-----------------------------|----------------------------------|
| Module dimensions (mm) | 5.8x435x1160, Junction box: 14.5 |
| Cell type | Black monocrystalline PERC |
| Cell matrix | 14 cells, 2x7 |
| Module construction | Glass/EVA/cells/EVA/backfoil |
| Glass height | 4 mm |
| Junction box classification | IP67 |
| Cables | 700 mm, 4 mm ² |
| Connections | MC4 compatible |

| Other specifications | |
|-------------------------|------------|
| Operational temperature | ÷40°C-50°C |
| Maximum system voltage | 1,000 V |
| Fuse rating, serial | 15 A |
| Diode count | 1 |

| Temperature coefficients | |
|--------------------------|------------|
| I _{sc} | +0.033%/°C |
| V _{oc} | -0.241%/°C |
| P _{mpp} | -0.37%/°C |

