

HUSH SOLAR EXTRA PGR500



Hush Solar Extra PGR5000 is made from granulated rubber. The granules are treated with a PUR binder and pressed in a mould until reaching the desired specific weight. The cut to size sheets are laminated on one side with a UV and weather protection film with an aluminium insert, which prevents plasticizer migration and thus the embrittlement of the roofing material.

PRODUCT PERFORMANCE

- A high density acoustic barrier to help reduce airborne and impact noise into the roof structure
- A reflective aluminium face to reflect heat back to the solar panels to enhance performance



PRODUCT DATA

- Weight: 700 - 840 Kg/m³
- Tensile Strength: >1.000kPa
- Tear resistance: >30%
- Medium Theoretical Coefficient of thermal conductivity: 0.1400 W/mK
- Temperature Resistance: -400 to +900 (max) C
- Hardness CC40: 1.000 kPa Based on DIN EN ISO 3386-2
- Electromagnetic Shielding at 1 GHz: Ca. 40 max. dB
- Water Permeability: <0.04g/m²/24h DIN 53 122
- Flammability Rating: (> 6mm) E DIN EN 13501-1 DIN EN ISO 11925-2
- Environmental Behaviour: Prevented by the film lamination

FEATURES

- ✓ Increases thermal heat performance of the solar panels
- ✓ Aluminium reflective facing
- ✓ Dense acoustic matting to reduce impact and airborne noise getting into the roof construction

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HUSH ACOUSTICS

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Sound Insulation Products and Systems