# Acoustic Silence 1050-5

*Datasheet - 1/10/2024*

Scan Underlay®
Upcycled Product

| Specifications | Value | Tolerance |
|---|---|---|
| Length | 12 m | ±2 cm |
| Width | 1 m | ±2 mm |
| Tickness | 5 mm | |
| Mass per. $m^2$ | 1.12 kg/$m^2$ (EN 1602) | |
| Load capacity | ≥ 3000 kg / $m^2$ | |
| Impact sound reduction (IS) | 22 dB (EN 10140) | |
| Dynamic stiffness (S') | 52 MN / $m^3$ (DIN EN 29052-1) | |
| Deformation at 5% | 40 kPa (DIN EN 1605) | |
| Compressibility C | 1,00 mm (EN 12431) | |
| Long-term deformation (10 years) | 1.06 mm (EN 1606) | |
| Radon transmission (P) (2) (3) | < $3.0 * 10^{-9}$ m/s | |
| Radon resistance (Z) (2) (3) | > $3.3 * 10^{-8}$ s/m | |
| Water vapour diffusion resistance (SD) (3) | 117 m | |
| Termisk ledningsevne (λ10) | 0,0441 W/mK (DIN EN 12667) | |
| Termisk modstand (R) | 0,113 $m^2$ * K/W (DIN EN 12667) | |
| Fire classification | E (1) | -30°C til 90°C |

| Transport | Pallet | Tower |
|---|---|---|
| Quantity | 180 $m^2$ | 360 $m^2$ |
| Height | 110 cm | 220 cm |
| Width / Length | 80 cm / 120 cm | |

| Environment | Value | Reference |
|---|---|---|
| French VOC Regulation | A+ (1) | |
| TVOC | 12 µg / $m^3$ (1) | A+ <1000 |
| PAH 8 REACH | < 15 mg / kg | < 20 |

Suitable as radon barrier

Suitable for underfloor heating

The product can be included in DGNB buildings

The product can be included in Eco-labelled buildings

1. *The value is based on the product "Acoustic Silence 1050", which has a fundamentally similar material composition and production process. Therefore, it is assumed that this value is also representative of the current product.*
2. *Note that the SP Method no. 3873 cannot state values of radon transmittance that are lower than 3.0·10-9 m/s as results lower than this can be affected by the normal level of radon gas indoors. In the same manner, the method cannot state values of the radon resistance above 3.3·108 s/m.*

1. *The value is based on the product "Acoustic Silence 1053", which uses the same folie as the material.*

*The technical information above represents our knowledge of the properties and applications of the product. Scan Underlay reserves the right to change or update this data without prior notice. This document belongs to Scan Underlay, and all rights are therefore reserved.*