

Acoustic Silence 1053

Datasheet - 03/04/2023



Scan Underlay®
Upcycled Product

Specifications	Value	Tolerance
Length	10 m	+1%
Width	1 m	±2 mm
Thickness	3 mm	
Compressive strength (CS)	~500 kg / m ² (5 kPa)	
Fire classification	E	-30°C til 90°C
Dynamic stiffness (S')	103 MN / m ³	
Impact sound reduction (IS)	21 dB (EN 10140-3)	
Water vapour diffusion resistance (SD)	117 m	
Radon transmittance (P) ⁽²⁾	< 3.0 * 10 ⁻⁹ m/s	
Radon resistance (Z) ⁽²⁾	> 3.3 * 10 ⁻⁸ s/m	

Transport	Pallet	Tower
Quantity	240 m ²	480 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

 The product is suitable as radon barrier

 The product is 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.