SUPERSEAL Warm N Quiet Subfloor
Product Specification Sheet

Phone: 1-800-571-1877
Fax: 604-576-2458
www.superseal.ca
info@superseal.ca

September 01, 2010 - present

Warm N Quiet SubfloorTM is a high performance and moderately priced subfloor that dramatically reduces footfall noise, insulates your floor and protects against moisture in one easy application

Sound Reduction

26 $\triangle$ lw (db), measured as per the DIN 52210 procedure.

Part #	Roll Sizes
SF83108	3'3" x 32.8ft - 108 ft² - (1m x 10m)
SF83215	6'7" x 32.8ft - 215 ft² - (2m x 10m)

Properties	Values
Material - Dimpled Sheet	High-Denisty Polyethylene (HDPE)
- Foam Layer	Closed Cell Polyethylene (PE)
Color - Dimpled Sheet	Black
- Foam Layer	White
Thickness - Dimpled Sheet	0.6mm (24 mil)
Foam Layer	3mm
Area Weight (approx)	700 g/m²
Dimple Height	8mm (0.31")
Dimple Spacing (approx)	1150 per m²
Compressive Strength	150 kN/m² (3200 psf)
Service Temperature Range	-40° C to +80° C
Physiological Properties	Can be ordered non-polluting for drinking water

Areas of Application / Benefits

- Under most types of flooring materials including laminate, hardwood and carpet Multi-level building as flooring noise control
- Flooring insulation enhancement
- Damp rise control from substrates

SUPERSEAL warranties this product for a period of 20 years and is resistant to a wide range of chemicals, resistant to fungus and bacterial attack, impervious to root penetration and rot proof. In the event this product fails to meet these requirements, the said amount of material shall supplied free of charge. There are no warranties beyond this expressed as stated above. SUPERSEAL assumes no responsibility for any other losses or damages, labour, materials, punitive, incidental or consequential or otherwise. Proof of purchase must be provided at time of claim.

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Test Data Report - Footfall Sound Reduction

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Test instrument: Standard hammer with vibration transducer and vibration meter (in-house design), includes lower frame mounted on concrete slab.

Test procedure: Determination of negative peak acceleration. In-house rapid test for footfall sound reduction by plastic floor systems. Procedure based on DIN 52210 and TGL 10688/13 standards.

Test conducted at: FILK GmbH, Meißner Ring 1-5, 09599 Freiberg/Germany

Test results for: **Superseal Warm N Quiet Subfloor**

Material	*Peak Acceleration a [m^2s^{-1}]	Footfall Sound Reduction $\triangle L_W$ [dB]
Parquet (15mm thick)	1675	16
Parquet with Superseal Subfloor Plus Foam underlay	744	22
Parquet with felt mat underlay	935	20
Parquet with rockwool underlay	847	21
Parquet with recycled textile mat underlay	909	21
Laminate (7mm thick)	2150	14
Laminate with Superseal Subfloor Plus Foam underlay	720	22
Laminate with felt mat underlay	852	21
Laminate with rockwool underlay	659	23
Laminate with textile mat underlay	710	22
Superseal Subfloor Plus Foam dimpled sheet (dimple height s=10mm)	417	26
Felt Mat (s= 10mm)	795	22
Rockwool Mat (s=30mm)	557	24
Recycled Textile Mat (s=20mm)	510	25

**Note: Average values from 10 individual tests at two different instrument settings*