

AEROSOUND[®]

ACOUSTIC FLOOR UNDERLAY



Underlayment Products for
Impact & Airborne Sound Control



AeroSound RSF



AeroSound PSF



AeroSound ESF

AeroSound RSF

Rubber Silent Floor



AeroSound RSF (Rubber Silent Floor) is high density floor underlay. **AeroSound RSF** is manufactured from recycled rubber, due to its flat resilient surface **AeroSound RSF** works as an excellent sound barrier. AeroSound RSF is an ideal acoustic product for all types of hotels, offices and multi-family residential buildings. This product is designed to be used under the screed or directly under ceramic tiles or vinyl finishing.

Features and advantages:

- Bacteria, mold, fungi and water resistant with no health hazard.
- Exceeds pass criteria for point load test for crack isolation membrane.
- Meets requirements for Volatile Organic Compound (VOC).

AeroSound RSF silent floor can be used directly under vinyl or wooden flooring, even in a customized type of industrial flooring like machinery foundation and foundation insulation, ceramic tile glue can be used directly on the surface of the underlay.

AeroSound RSF silent floor high density can be used to separate construction elements of the building to avoid vibration transfer, shafts or stairs.

Applications:

- Multi-family residential, commercial and high-rise buildings.
- Recording studios and movie theatres.
- Special projects for residential and industrial buildings.

AeroSound RSF (3,5,8,10mm)

Color :
Black or Gray

Size :
1.15m x 2.25m

Density :
700 Kg/m³

Load :
-

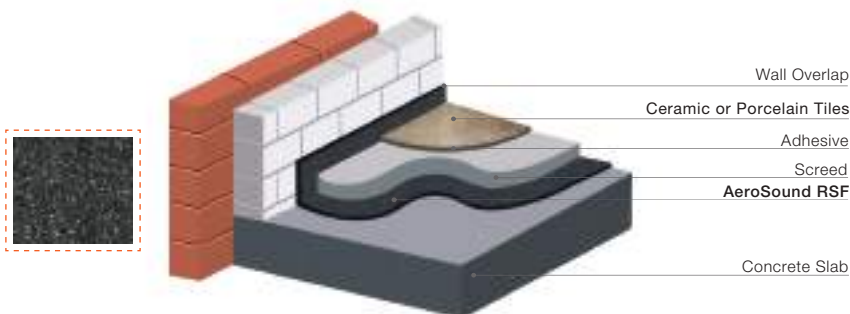
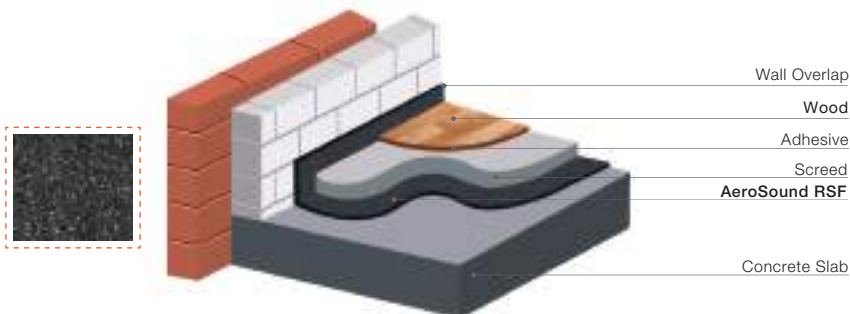
Dynamic Stiffness :
60 MN/m³ EN 29052

Elongation :
> 50% ASTM D 571

Tensile Strength :
0.5 N/m² ASTM D 571

Impact Insulation Class :

Thickness	3mm	5mm	8mm	10mm
IIC (ASTM E492)	0dB	0dB	0dB	0dB
ΔIIC (ASTM E989)	0dB	0dB	0dB	0dB



AeroSound PSF

Polyolefin Silent Floor



AeroSound PSF (silent floor) is a flexible cross linked closed cell polyolefin foam with medium density, **AeroSound PSF** floor underlay is suitable for all floating floor applications. **AeroSound PSF** is designed to reduce impact of sound transmission in floating floor systems. **AeroSound PSF** floor underlay can be used in both commercial and residential buildings, such as apartments, hotels, hospitals, schools and universities to reduce the sound transmission level between floors.

Usual application is to separate concrete base floor from final screed or screed from final finishing. Used in corners (between wall and floor) for this same reason.

AeroSound ESF

Elastomeric Silent Floor



AeroSound ESF (silent floor) is a flexible cross linked closed cell elastomeric foam with high density, **AeroSound ESF** floor underlay is suitable for all floating floor applications. **AeroSound ESF** is designed to reduce impact of sound transmission in floating floor systems. **AeroSound ESF** floor underlay can be used in both commercial and residential buildings, such as apartments, hotels, hospitals, schools and universities to reduce the sound transmission level between floors.

Usual application is to separate concrete base floor from final screed or screed from final finishing. Used in corners (between wall and floor) for this same reason.

AeroSound PSF (3,5,8,10mm)

Color :
Blue & Grey (other colors on request)

Size :
1.2mx20m (±20mm tolerance)

Density :
25 kg/m³ (±10% tolerance)

Load :
400 kg/m²

Dynamic Stiffness :
24.5 MN/m³ EN 29052

Water absorption :
0.05 (kg/m²) BS EN 12087

Tensile Strength :
0.5 N/m² ASTM D 571

Impact Sound reduction :

Thickness	3mm	5mm	8mm	10mm
ΔIIC (EN ISO 10140)	14dB	17dB	20dB	22dB

AeroSound ESF (6,10,13mm)

Color :
Black

Size :
1.2mx20m (±20mm tolerance)

Density :
70-85 kg/m³

Load :
400 kg/m²

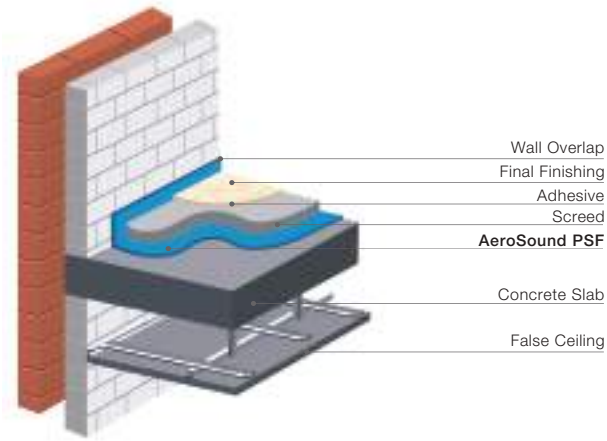
Water absorption :
0.06% ASTM C209

Impact Sound reduction :

Thickness	6mm	10mm	13mm
ΔIIC (EN ISO 10140)	19dB	24dB	26dB

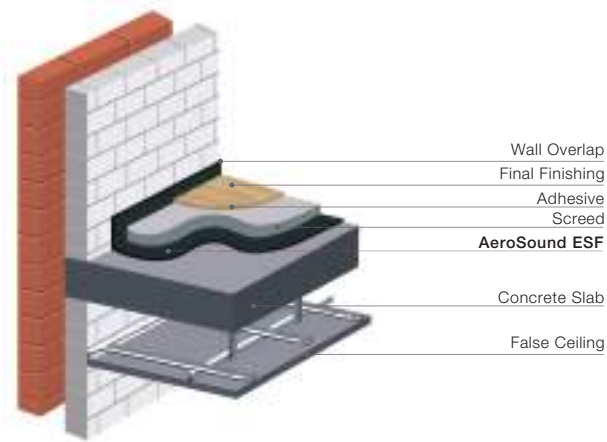
AeroSound PSF

Polyolefin Silent Floor



AeroSound ESF

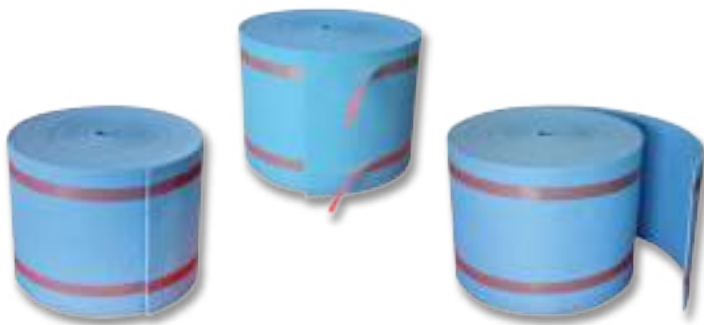
Elastomeric Silent Floor



Perimeter Edging Strip

Perimeter Edging Border Strip comes with adhesive backing, suitable to use with all screed floors to accommodate expansion during the floor is heated. Perimeter Edging Border Strip is made from Polyolefin foam. Perimeter Edging Border Strip has double sided PVC tapes that makes it a perfect seal.

Comes in a variety of sizes, edging strips are easy to install thus saves time and labor cost making it a cost effective accessory for AeroSound Silent Floor products.



Disclaimer: This information on Hira Technologies products is presented to the best of our knowledge. All product data is based on average values and is for guidance only. As these products are subject to constant research and development, we reserve the right to update the contents without notice.

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