



Regupol[®] SoundFoam is just one of a number of acoustic systems available exclusively in the UK from CMS Acoustic Solutions.

CMS ACOUSTIC SOLUTIONS

A MEMBER OF THE CMS GROUP

call **01925 577 711**
www.cmsacoustics.co.uk

Northern Office:
Unit 4 Eagle Park
Eagle Park Drive
Warrington. WA2 8JA
t: 01925 577 711
f: 01925 577 733

Southern Office:
Unit 9
Enterprise Way
Wickford. SS11 8DH
t: 01268 568 762
f: 01268 568 764

CMS Acoustic Solutions is the exclusive provider for the Regupol[®] range in the UK.

Regupol[®] is a registered trademark of BSW

 Regupol[®]



Uniclass	EPIC		
L5395:N372:P7	E485:X7:Y45		
CI/SfB	(23.9)	Ln	(P2)

Regupol® SoundFoam

Cost effective screed isolation

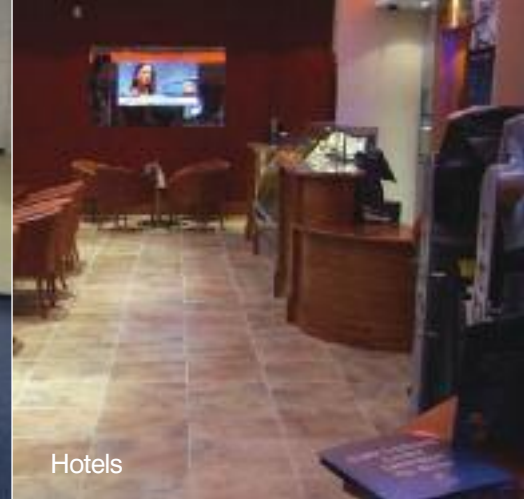




Apartments



Schools



Hotels

Controlling impact sound

Regupol® SoundFoam is a cost effective screed isolation system, designed to control impact sound in new build residential and commercial settings.

Developed to offer the market a reliable and economical solution to Part E compliance, Regupol® SoundFoam is ideal for projects where sound control is essential and budget must be kept to a minimum.

Superior performance

Compared with traditional foam underscreed products, the high elasticity of Regupol® SoundFoam offers superior acoustic insulation and increased resistance to compression and creep over a longer lifespan. This is due to the unique manufacturing process of the material, which injects EVA rubber cells into a cross-linked, closed cell polyolefin foam – creating a new generation of system that greatly improves the standard for foam products.

In addition to enhanced acoustic performance, the closed cell composition of Regupol® SoundFoam delivers low water absorption, eliminating the need for a separate waterproof membrane and helping to reduce the cost of using an underscreed system even further.

Peace of mind

A robust construction, the Regupol® SoundFoam underscreed system offers developers peace of mind by reducing the risk of workmanship error on-site. This is achieved through the use of a special edge section, which is installed around the perimeter of the floor to achieve total isolation.

Self adhesive on one side, the SoundFoam edge section bonds directly to the perimeter wall, which helps prevent movement when the screed is poured and ultimately safeguards isolation performance.

A sound choice

Designed for use with cast in-situ and precast plank sub-floors, Regupol® SoundFoam offers greater flexibility than most foam-based products on the market. Moreover, it is available in a range of thicknesses to give a choice of impact sound insulation values.

A foam-based product, Regupol® SoundFoam is recommended only for use with a sand and cement screed.

Where a free flowing screed is specified, Regupol® 7210C should be used. Regupol® 7210C is a high performing underscreed solution manufactured from recycled/recyclable rubber crumb. The system exceeds Part E requirements for impact and airborne performance and is compatible with all types of screed.

Before selecting an underscreed system from the Regupol® range, please consult the technical team at CMS Acoustics, to ensure that the most appropriate system is specified for a particular construction type.

Applications

Aimed firmly at new build projects, Regupol® SoundFoam can be used for any development where effective impact sound control is necessary and costs must be kept to a minimum.

Typical Regupol® SoundFoam developments include:

- Social housing
- Apartments
- Educational buildings
- Hotels

Easy to install

Designed with ease of use in mind, Regupol® SoundFoam is extremely easy to install. The material is simply laid directly on top of the subfloor, with the edge detail adhered around the perimeter. The screed can then be applied immediately, with no need for an additional waterproof membrane layer.

CMS Acoustics also offers a nationwide installation service for Regupol® SoundFoam, carried out by a team of manufacturer-qualified installation engineers. For details please contact the technical team on 01925 577 711.



Bathrooms



Bedrooms



Social Housing

SoundFoam specification

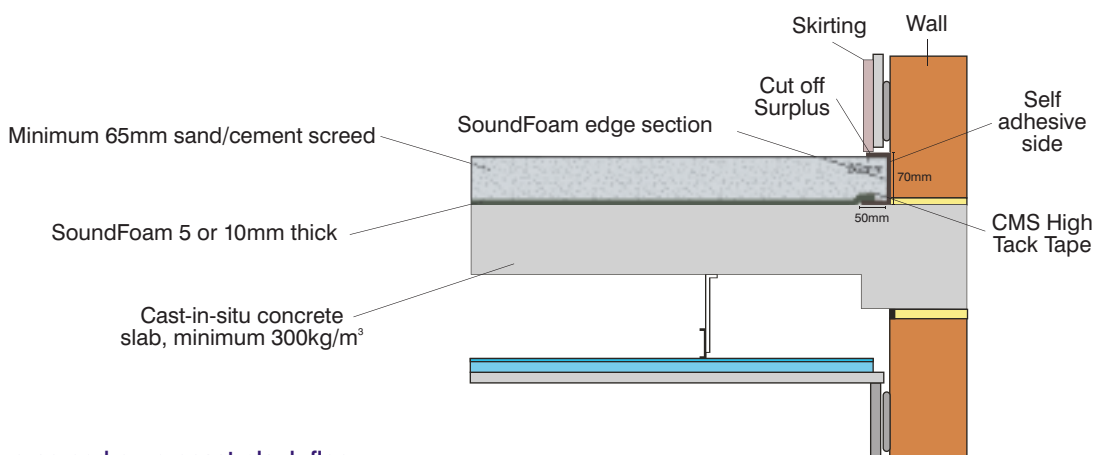
Physical Information	
Roll length	50m
Roll width	2m
Standard thicknesses	5mm, 10mm, 13mm
Density	33Kg/m ³
Material construction	Cross-linked, closed cell polyolefin foam injected with EVA rubber

Technical Information	
Thermal conductivity	0.039W/mK
Impact sound insulation	ΔL_w^*
5mm	17dB
10mm	19dB
13mm	20dB
Water absorption after 28 days (UNE12087) %	2.02 (2) – 0.66 (3)

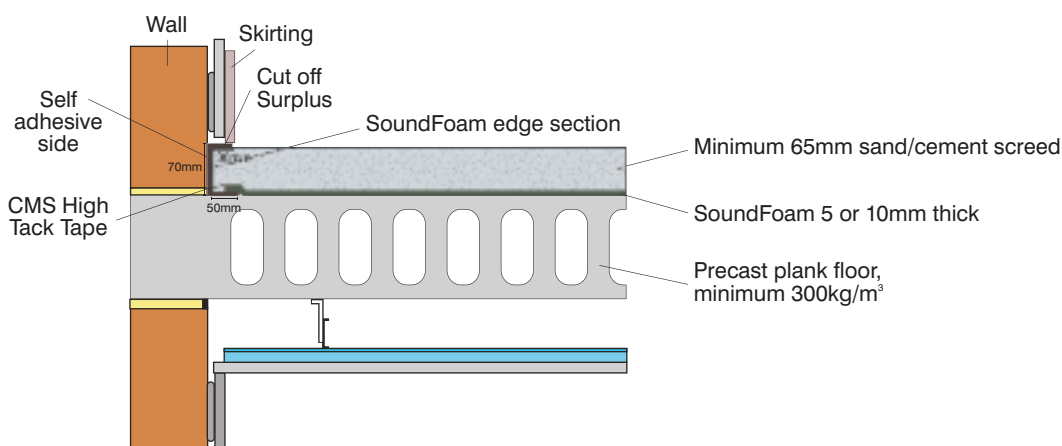
* Part E, 2003 compliance requirement $\Delta L_w = 17$ dB minimum

Installing SoundFoam

Floating screed on cast-in-situ concrete slab floor



Floating screed on precast plank floor



Diagrams shown are for illustrative purposes only

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