

category	soundproofing
description	acoustic carpet underlay
part code	A310



A310 ACOUSTIC CARPET UNDERLAY is made from a rubber base layer and a high grade felt top layer. It is designed for installation beneath carpets to significantly reduce impact noise transmission through to the floors below.

This underlay is far superior to the standard corrugated foam underlays which often do very little to reduce impact noise transfer.

Ordinary foam underlays often break down to powder over time at which point noise problems will recur.

A310 acoustic carpet underlay is suitable for all types of floor surfaces including wood, concrete and asphalt, and is particularly recommended on uneven floors.



Applications

- Impact reduction under carpets for timber, concrete or asphalt floors; particularly recommended for uneven floors.
- Meets new building regulations.
- **Classification:** Heavy contract/heavy domestic BS.5808.

Installation

- Simply lay the carpet underlay with the rubber to the floor surface.
- Take care to butt the edges tightly together as well as to the gripper edges.
- Subfloors should be clean, dry and free from any oil, grease or damp.

Benefits

- Easy to install
- Low cost

NB: This product is primarily intended to reduce impact (footfall) noise and is not generally suitable for airborne noise reduction.

Technical Specification

Product	A310 Acoustic Carpet Underlay
Nominal thickness	10mm
Weight	2455 g/m ² (± 10%)
Static loading	75.9% BS4939
Flammability	Methanine Pill: Pass BS4790
Dynamic loading	85.8% BS4052
Thermal conductivity	2.68 Togs
Classification	Heavy contract/Heavy domestic

Acoustic Performance

This product meets the building regulatory standards for impact insulation when laid on a concrete floor. The tested sample meets the minimum performance requirements of BS 5808:1991 (1996) Delta Lw 34dB.

If a concrete floor has the required mass of 350kg/m² this product will meet the new regulations for both airborne and impact noise penetration through the floor if it is glued to the floor surface.

Impact Sound Improvement Index ISO Method 140 part 8 - Delta Lw.34dB

Acoustic Absorption			
125Hz	500Hz	2kHz	4kHz
0.19	0.62	0.85	0.83

NB: As this is a recycled product there may be colour variations from batch to batch.

