Regupol®

TECHNICAL DATA SHEET

COMFORT 5

PRODUCT DESCRIPTION

Regupol® Comfort 5 is a polyurethane elastomer product with rubber granulate particles, manufactured in Germany by BSW GmbH, and is specifically designed to isolate all screed types to comply with the England, Wales, Scotland and Northern Ireland building regulations where the attenuation of impact and airborne sound is concerned. Being just 5mm thick it minimises construction height and provides a very high level of sound attenuation in masonry and concrete structures

APPLICATIONS

Regupol® Comfort 5 is used under all types of floor screeds including:

- New build apartments
- Hotels
- Hospitals
- Commercial facilities
- Schools
- Libraries
- Care homes

Recommended for all PCT (Pre-Completition Testing) sites.

BENEFITS

- Has been independently tested under laboratory conditions to show compliance with the building regulations in England, Wales, Scotland and Northern Ireland where the attenuation of impact and airborne sound is concerned
- Excellent impact and airborne performance
- Offers long term performance without collapse or “bottoming” out under high point loads
- Minimal creep
- Resistant to ageing and deformation
- Quick and easy to install with no need for separate perimeter strips
- Minimises construction heights
- High quality and exact material thickness guaranteed
- Suitable for use with underfloor heating
- Protects expansion joints
- Zero ozone depletion potential (ODP)
- Zero global warming potential (GWP)
- Mildew and moisture resistant
- Manufactured using Recycled Materials and 100% recyclable

STORAGE

Regupol® Comfort 5 must be stored indoors. At no time must Regupol® Comfort 5 be exposed to the elements of the weather. Regupol® Comfort 5 must always be kept dry, otherwise moisture will build up in the material.

It is recommended that packaging be removed in the area where Regupol® Comfort 5 is to be installed.

PHYSICAL INFORMATION

Sheet length	2.25m
Sheet width	1.15m
Material thickness	5mm

TECHNICAL INFORMATION

Impact Sound Insulation (Tested in accordance with EN ISO 10140-3:2010 - Test Date: July 2016)	ΔLw 24dB
Airborne Sound Insulation (Tested in accordance with EN ISO 10140-2:2010 - Test Date: July 2016)	R_w (C;C_{tr}) 62dB
Maximum Load Bearing Capacity	5kN/m^2
Density	330kg/m^3
Thermal Conductivity (Tested in accordance with DIN EN 12667:2001)	λ = 0.06 W/(mK) R = 0.08 (m^2K)/W
Fire Classification	Class E (B2) according to DIN EN ISO 11925-2 / DIN EN ISO 13501-1
Temperature Resistance	-20ºC to +80ºC

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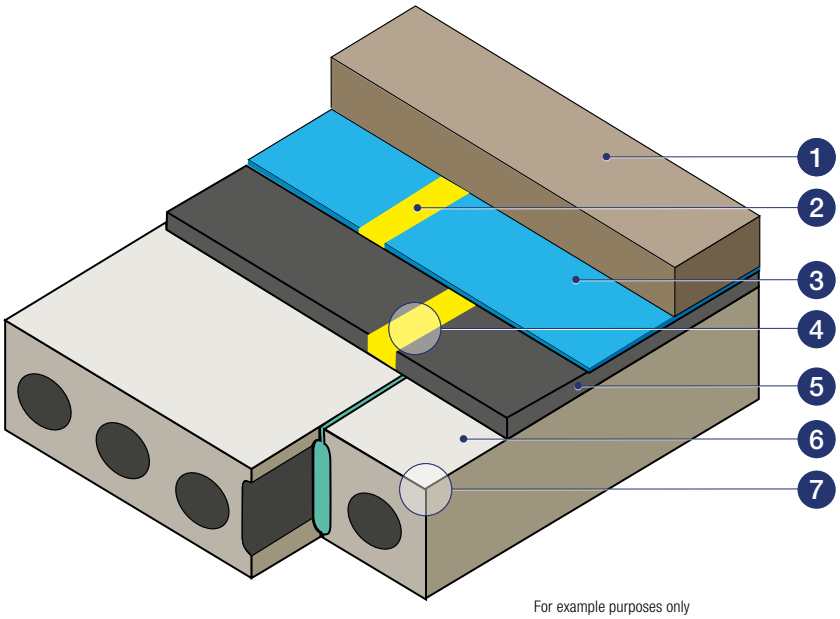
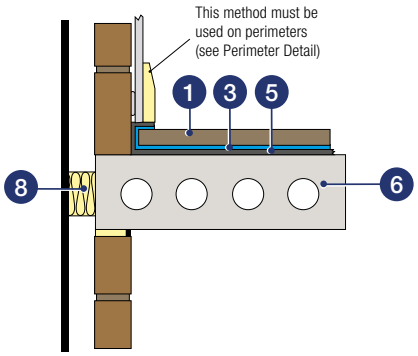
INSTALLATION



For example purposes only

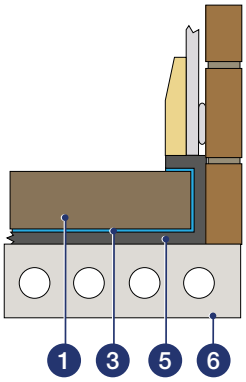
1. Minimum 65mm sand/cement screed or 40mm proprietary screed
2. Taped joint*
3. Min. 500 gauge polythene sheeting
4. Joint detail
5. Regupol® Comfort 5
6. Pre-cast hollow core
7. Perimeter detail
8. Acoustic cavity closer
9. Hi-tack tape

* DPM overlap to be minimum 100mm



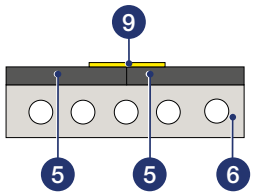
For example purposes only

7 Perimeter Detail



For example purposes only

4 Joint Detail - butted



For example purposes only

INSTALLATION SERVICE

In addition to supply of this product CMS Danskin Acoustics can provide a listing of competitively-priced approved installers that service anywhere in the UK. Use of this service ensures that installation is performed to the highest standards by tradesmen fully experienced in the specialist skills of fitting CMS Danskin Acoustics materials correctly. Please contact your local CMS Danskin Acoustics.

CMS DANSKIN ACOUSTICS

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