

TECHNICAL INFORMATION SHEET



Benefits

- Highly sustainable and completely recyclable
- Suitable for all floor finishes including ceramic, granite, stone and marble tiles
- Offers long term performance without collapse or "bottoming" out under high point loads
- Resistant to ageing and deformation
- Quick and easy to install. Simply bond to the sub-floor beneath the final floor finish
- Zero global warming potential (GWP) & zero ozone depletion potential (ODP)
- Independent Test Data available for both site and field tests to show compliance with both Approved Document E and Section H of the Building Regulations.
- Accreditation to ISO 9001, ISO 14001 and ISO 18001
- Product manufactured using Recycled Materials and 100% recyclable

Applications

Regupol® 4515 Multi is widely used in developments where effective sound control is essential and interior design flexibility is a priority. These include:

- Apartments
- Education developments
- Hotels
- Commercial developments
- Leisure developments
- Bespoke architectural projects

Installation Service

In addition to supply of this product CMS Danskin Acoustic Solutions 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 acoustic materials correctly. Please contact CMS Danskin on 01925 577711 for a list of approved and qualified installers.

Description

Regupol® 4515 Multi is a premium PUR foam/cork compound, making it the most sustainable and high performing product in the 4515 range.

Achieving superior impact sound attenuation with any floor finish, Regupol® 4515 Multi delivers high tensile strength and exceptional acoustic performance without ageing or collapsing.

Regupol® 4515 Multi was short listed for the flooring product of the year 2012 by readers of Tomorrows Flooring magazine.

Physical Information

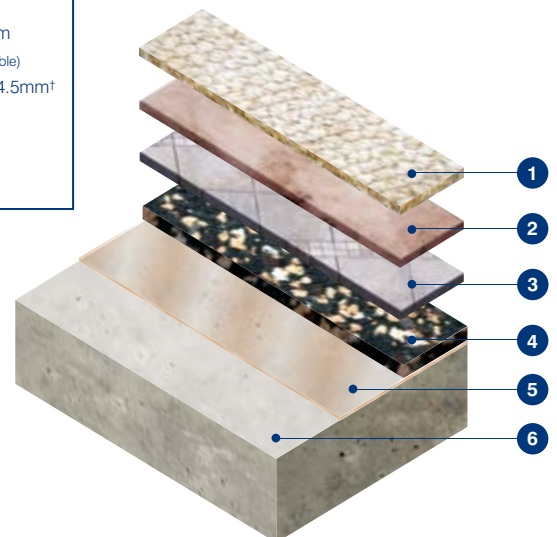
Roll width	1000mm
Roll lengths	20m (3mm) 18m (4.5mm)
Material thickness	3mm & 4.5mm as standard
Material construction	PUR foam/cork

Technical Information

Density	420kg/m ³
Tensile strength (DIN 53571)	approx 0.7N/mm ² (4.5mm material)
Elongation at break (DIN 53571)	approx 25%
Temperature resistance	-40 to +110°C
Thermal conductivity	0.086W/mk (3mm) 0.089W/mk (4.5mm)
Impact sound insulation ΔL_{W}	18dB (measured in accordance with BS EN ISO 140-8:1998)

Please contact CMS Danskin for independent test certificates relating to specific floor finishes

- 1 Carpet
- 2 Vinyl or linoleum/marmoleum
- 3 Tiles (ceramic, granite, stone, marble)
- 4 Regupol® 4515 Multi 3mm/4.5mm†
- 5 CMS Bond 100 adhesive or similar approved*
- 6 Concrete slab (self-levelling screed if required)



Full installation guidelines and health and safety data sheets are available on request. However, key points to observe are:

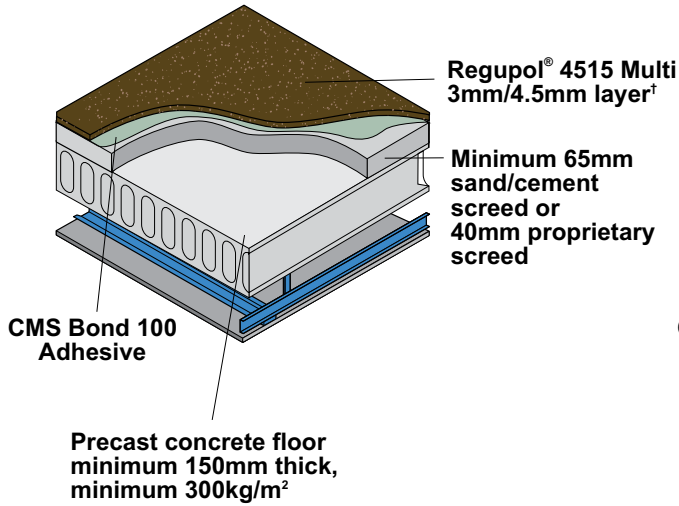
1. Regupol® 4515 Multi should be unwound and left for a minimum 8 hours or ideally overnight at the place where it is to be installed, to allow for any potential shrinkage.
2. The subfloor must be sound, smooth and dry. A self-levelling compound may be required to bring the floors up to the necessary levels. Please contact technical services for further information.**

* Please contact CMS Danskin for a list of recommended adhesives and list of approved and qualified installers.

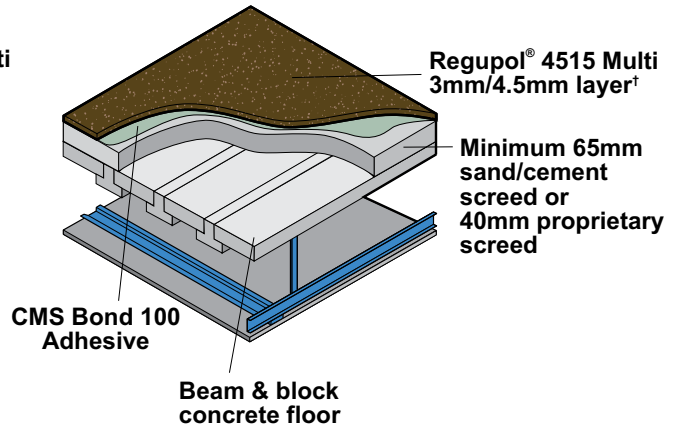
** Regupol® 4515 acoustic underlays can be easily installed providing BS8203 and CMS Danskin' installation guidelines are observed at all times.

† Product thickness selected is based on acoustic performance required.

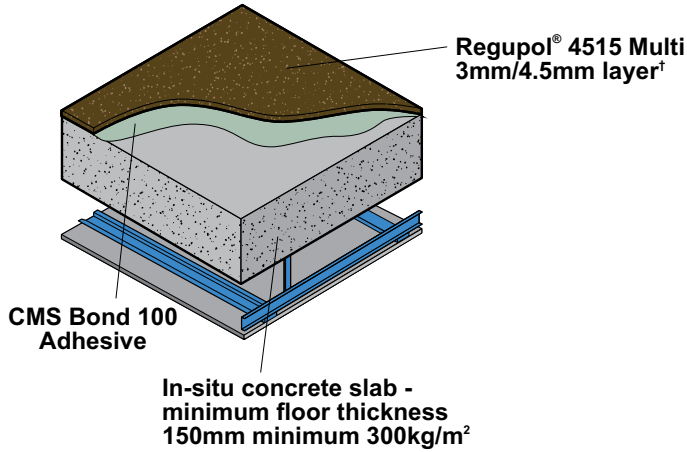
PRECAST FLOOR



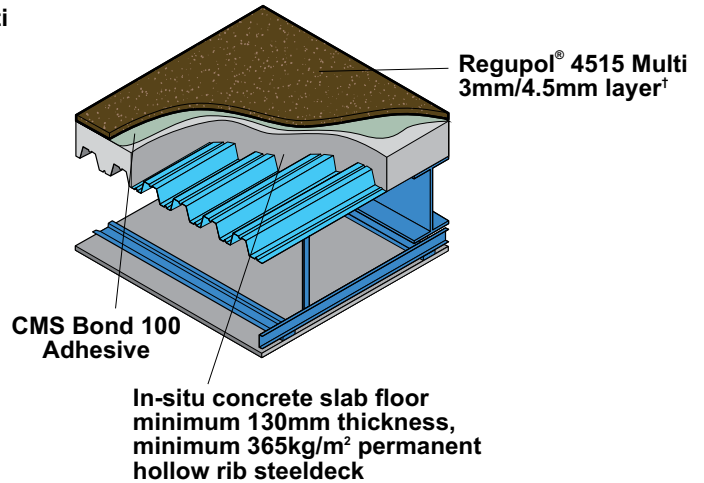
BEAM & BLOCK FLOOR



IN-SITU CONCRETE SLAB FLOOR



IN-SITU CONCRETE SLAB FLOOR ON PERMANENT HOLLOW RIB STEELDECK



Diagrams shown are for illustrative purposes only.



To access the CMS Danskin website
for further product information
please scan the QR code

Important Notes:

- Regupol® 4515 Multi must not be used on timber based constructions.
- Manual Handling Guidelines and health and safety datasheets are available on request.

IMPORTANT: Directions for use are given for guidance only and are not intended to form part of any contract. They should be varied or adapted to suit your particular materials or conditions of use. Goods supplied by the company are made to approved standards from the highest quality raw materials but no warranty or guarantee is given as to their suitability for any particular purpose or application, and no liability is accepted for any loss or damage arising directly or indirectly from the use of the Company's products irrespective of any information given to us as to intended use of such products. It is therefore recommended that prospective users should test a sample of this product under their own conditions to satisfy themselves that the product is suitable for the purpose intended.

Regupol® and Regufoam® are registered trade marks of BSW GmbH

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