

TECHNICAL INFORMATION SHEET



Description

Cost effective impact sound control

Regupol® 4515 Eco is a tough, resilient, low cost acoustic underlay that has been developed to attenuate impact sound beneath a wide range of floor finishes, including carpet, vinyl and tiles.*

Extremely durable, flexible and sustainable, Regupol® 4515 Eco delivers cost effective impact sound insulation and is ideal for all types of developments.

Physical Information

| | |
|-----------------------|-------------------------|
| Roll width | 1,100mm |
| Roll lengths | 20m (3mm) & 12m (4.5mm) |
| Material thickness | 3mm & 4.5mm |
| Material construction | Rubber/cork |

Technical Information

| | |
|---|---|
| Density | approx 470kg/m ³ |
| Tensile strength (DIN 53571) | approx 0.6N/mm ² (3mm thick) |
| Elongation at break (DIN 53571) | approx 18% |
| Temperature resistance | -40 to +110°C |
| Thermal conductivity | approx 0.085W/mk |
| Impact sound insulation ΔL_{WV} | 17dB (measured in accordance with BS EN ISO 140-8:1998) |

Benefits

- 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.
- Designed for use with a wide range of floor finishes, including carpet, vinyl and tiles as well as wooden based floor finishes, e.g. parquet
- Offers long term performance without collapse or "bottoming" out under high point loads
- Resistant to ageing and deformation
- High quality and exact material thickness guaranteed
- Zero global warming potential (GWP) & zero ozone depletion potential (ODP)
- Accreditation to ISO 9001, ISO 14001 and ISO 18001
- Product manufactured using Recycled Materials and 100% recyclable

Applications

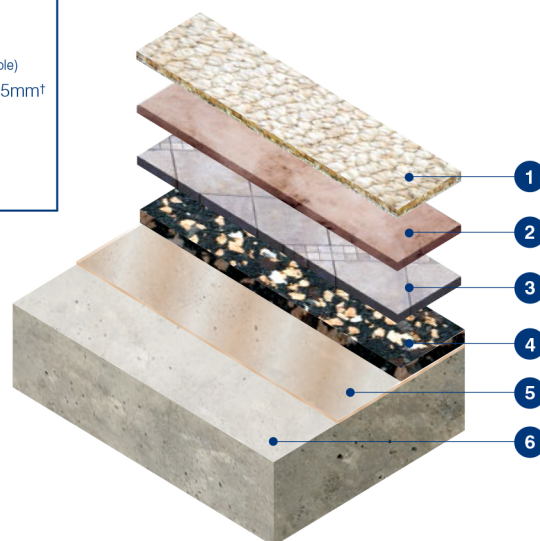
Regupol® 4515 Eco is popular with developments where effective sound control is essential and budgets must be kept to a minimum. These include:

- 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.

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



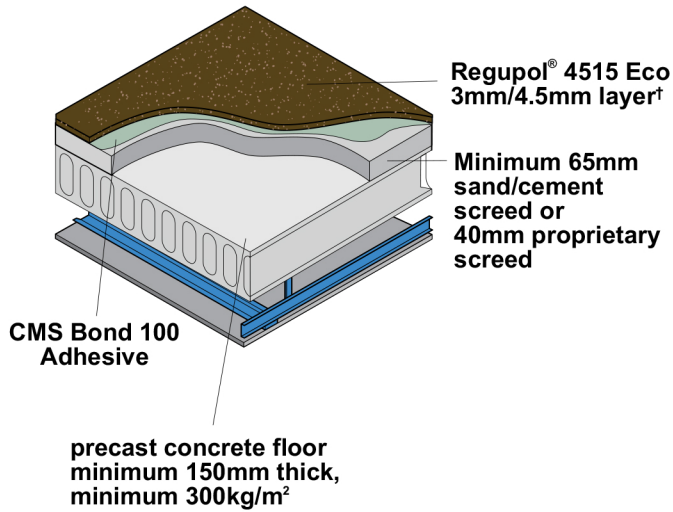
Full installation guidelines are available on request. However, key points to observe are:

1. Regupol® 4515 Eco 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.**

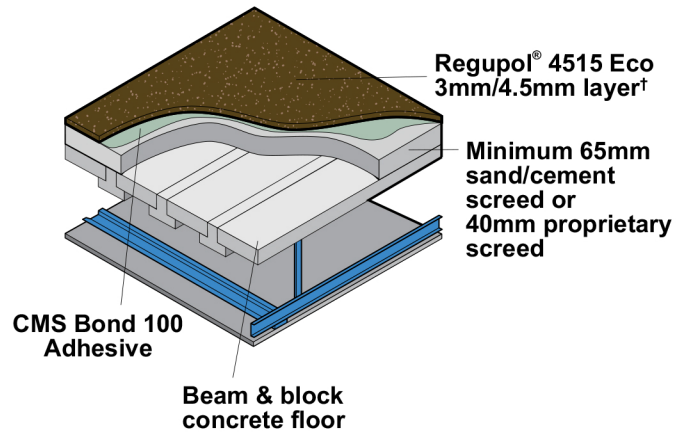
* Regupol® 4515 acoustic underlays can be easily installed providing BS8203 and CMS Danskins' installation guidelines are observed at all times.

† Product thickness selected is based on acoustic performance required.

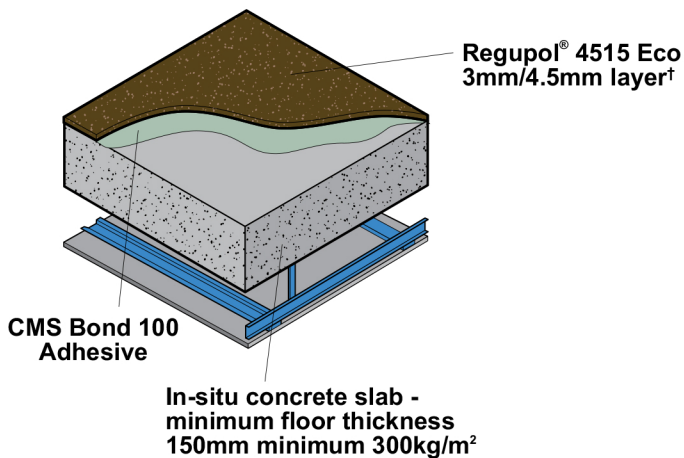
PRECAST FLOOR



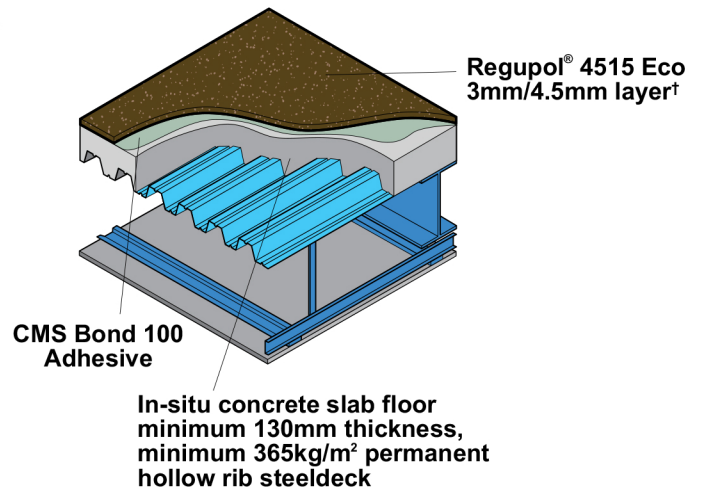
BEAM & BLOCK FLOOR



IN-SITU CONCRETE SLAB FLOOR



IN-SITU CONCRETE SLAB FLOOR ON PERMANENT HOLLOW RIB STEELDECK



Diagrams shown are for illustrative purposes only.

NB Regupol® 4515 Eco is manufactured from a combination of cork granules and rubber crumb. The manufacturing process of this product results in the presence of carbon black fillers, which can cause plasticizer migration; the discolouration of light coloured floor finishes such as vinyls and carpets. To avoid such potential problems, we strongly recommend the CMS Bond 100 Adhesive be used. Please contact CMS Danskin technical services: if light colours are being used, for full range of floor finishes, and if you require a list of recommended adhesives.

Important Notes:

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



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

For more information
and to place an order go to
www.flooringwarehousedirect.co.uk

