

Benefits

- **Has been independently tested by UKAS and ANC Approved bodies in both the laboratory and on-site respectively to show compliance with the new building regulations in accordance with Approved Document E 2003.**
- **Approved by NHBC for ADE 2003 compliance.**
- **Designed to reduce impact noise from high loads, having a maximum load bearing capacity of 30kN/m² (3000kg/m²).**
- **Excellent impact and airborne performance.**
- **Offers long term performance without collapse or "bottoming" out under high point loads.**
- **Minimal creep, even under high loads.**
- **Resistant to ageing and deformation.**
- **Quick and easy to install. 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.**

Description

Regupol® E48 is a recycled tyre crumb product manufactured in Germany by BSW GmbH. This is an under screed product designed to isolate screeds from the main structure of the building, reducing impact energy generated by general footfall.

Applications

Regupol® E48 is used under all types of floor screeds in most new build constructions including apartments, schools, hospitals, hotels, libraries and supermarkets.

Physical Information

Roll width	1.15m
Roll lengths	13m
Material thickness	8mm nominal (dimpled surface on one side)

Technical Information

Mean value of dynamic stiffness s'	47 MN/m ³ (DIN EN 29052-1)
Thermal conductivity	0.14 W/mK
U value	0.971 Btu/hr ft ²
Fire classification	B2 (DIN 4102)
Maximum load bearing capacity	3000 kg/m ² (30kN/m ²)
Airborne sound insulation (D _{nT,w} + C _{tr})	50dB*
Impact sound insulation (L _{nT,w} ' (C _i))	49dB**

* Building Regulations Approved Document E (2003) requirements 45dB or greater

** Building Regulations Approved Document E (2003) requirements 62dB or less

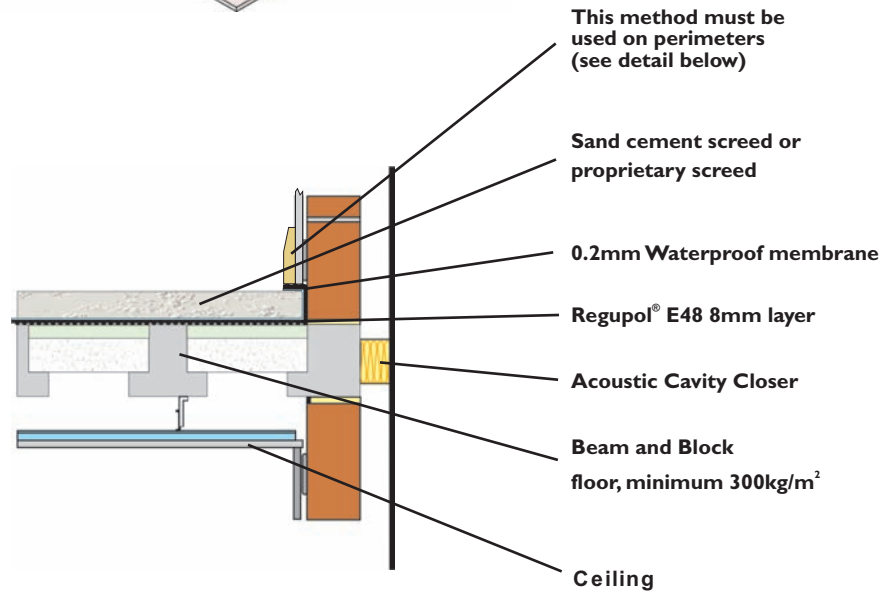
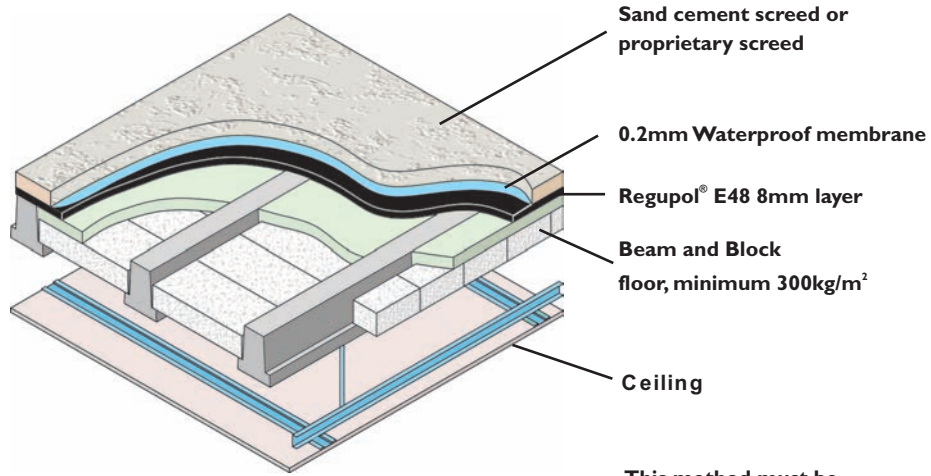
Installation Guidelines

Detailed Installation Guidelines are available on request. Also all rolls of **Regupol® E48** come supplied with full installation guidelines.

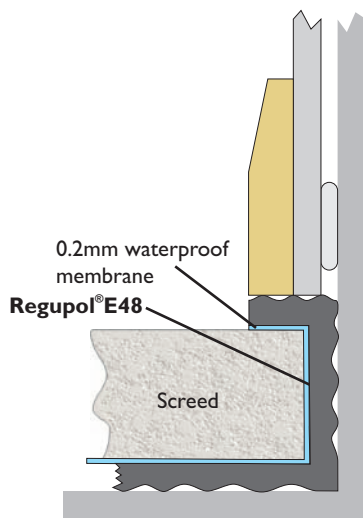
Installation Service

In addition to supply of this product CMS Acoustic Solutions offers a competitively-priced installation service anywhere in the UK. Use of our service ensures that installation is performed to the highest standards by tradesmen fully experienced in the specialist skills of fitting acoustic materials correctly. For further details contact our technical team on 01925 577711.

RD APPROVED-E-FC-6



Perimeter Detail



Joint Detail

