



## Benefits

- *Has been independently tested by both UKAS accredited and ITA laboratories to show compliance with the new building regulations in accordance with Approved Document E 2003.*
- *Designed to reduce impact noise from very high loads, having a maximum load bearing capacity of 50kN/m<sup>2</sup> (5000kg/m<sup>2</sup>)*
- *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.*
- *High quality and exact material thickness guaranteed.*
- *Suitable for use with underfloor heating.*
- *Protects expansion joints.*
- *Mildew and moisture proof.*

## Description

**Regupol® 6010BA** is a recycled tyre crumb product designed for use where high loads are apparent, yet acoustic performance is critical with performance requirements exceeding that of the standards quoted in Approved Document E, 2003.

## Applications

**Regupol® 6010BA** has a multitude of uses. In most cases it is used to isolate floor screeds in new build constructions such as luxury apartments, schools, hospitals, hotels, libraries and retail units. It can also be used beneath wooden based floors and areas of sensitivity such as Gymnasium Floors. For specific advice relating to applications, please contact the CMS Acoustics Technical Team.

## Physical Information

Roll width	1.25m
Roll lengths	10m
Material thickness	17mm nominal (dimpled surface on one side)

## Technical Information

Mean value of dynamic stiffness	15 MN/m <sup>3</sup> (DIN EN 29052-1)
Thermal conductivity	0.14 W/mK
U value	0.971 Btu/hr ft <sup>2</sup>
Fire classification	B2 (DIN 4102)
Maximum load bearing capacity	5000 kg/m <sup>2</sup> (50kN/m <sup>2</sup> )
Airborne Sound Insulation (C:C <sub>v</sub> )	65dB (ISO 140-3:1995)*
Impact sound insulation ΔL <sub>w</sub>	43dB (ISO 140-8:1998)**

\* Building Regulations Approved Document E (2003) requirements 45dB or greater. Independent Test Certificates available on request.

\*\* Building Regulations Approved Document E (2003) requirements 17dB or greater. Independent Test Certificates available on request.

## Installation Guidelines

Detailed Installation Guidelines are available upon request. Also, all rolls of **Regupol® 6010BA** come supplied with 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.

