

INSTALLATION GUIDELINES

REGUPOL SONUS ECO

formerly REGUPOL 4515 Eco

CARPET TILES OVER (with T&G plywood)

Product

Tough, resilient and low-cost acoustic underlay that has been developed to attenuate impact sound beneath a wide range of floor finishes. Extremely durable, flexible and sustainable, **REGUPOL sonus eco** delivers cost effective impact sound insulation and is ideal for all types of developments.

Storage

REGUPOL sonus eco must be stored indoors. At no time must the **REGUPOL sonus eco** be exposed to the elements of the weather.

Preparation

1. Prepare the concrete floor. It is important that the concrete floor is dry (under 75% RH*), clean (free of dirt and concrete dust) and flat. If the floor is uneven, it must be made level.
2. Please ensure each roll of **REGUPOL sonus eco** is completely unrolled, turned over and left in the area to which it is to be applied for a minimum of 8 hours or ideally overnight prior to cutting and installing.

* Where RH is 97% or less, please use REGUPOL barrier 99-201.

Installing the REGUPOL sonus eco

1. Bond **REGUPOL sonus eco** to the base floor making sure the print, "REGUPOL – DO NOT REMOVE" is shown at all times. The **REGUPOL sonus eco** should be bonded to the subfloor using one of our recommended adhesives – please contact CMS Danskin Acoustics for a list or alternatively please refer to the website www.cmsdanskin.co.uk. Please ensure the adhesive guidelines are followed at all times.
2. Lay the **REGUPOL sonus eco** into the adhesive and press from the centre outwards to exclude air and ensure overall contact with the adhesive.
3. Roll the **REGUPOL sonus eco** with a 68kg flooring roller, from end to end and side to side to ensure overall contact.
4. Please leave a minimum gap of 3mm around the entire perimeter to allow for potential expansion and contraction. Do not butt the **REGUPOL sonus eco** against the skirting boards.
5. Use a craft knife and straight edge for cutting to size and please ensure that all edges are butt jointed.
6. After 30 minutes, when the floor has been completely covered, roll once again to ensure contact is maintained.
7. Please do not apply loads or move furniture on the **REGUPOL sonus eco** until the adhesive has fully set. Please refer to the adhesive manufacturer's installation guidelines for curing times.



Caution: Obtain suitable assistance from someone of similar height / build for lifting, carrying and setting in place.

Product	eco 3	eco 4.5
Weight	40kg	36kg
Width	1150mm	1150mm
Length	20m	12m
Diameter	285mm	275mm

Installing the plywood*

*Please note the plywood must be min. 9mm large format T&G flooring grade

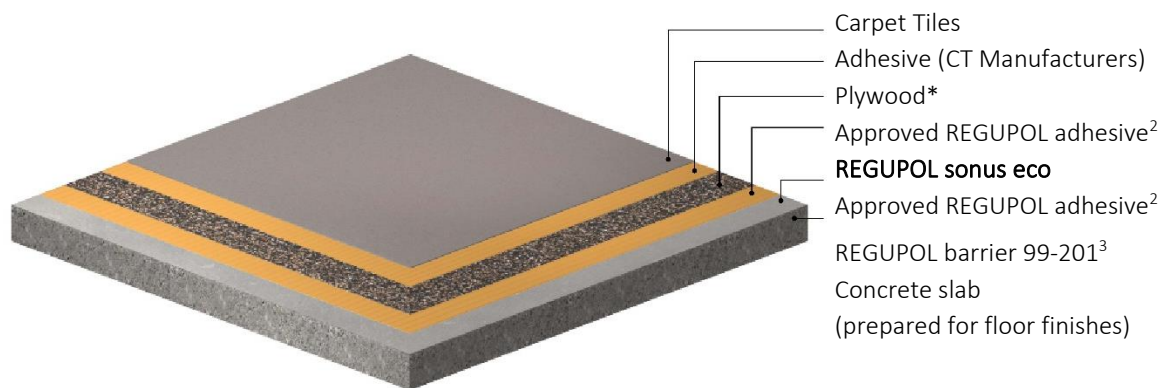
1. Position Polyolefin (POA) Perimeter Strips to all room perimeters ensuring there is sufficient depth of material to sit level with the ply prior to the carpet tiles being installed.
2. The plywood must be bonded to the **REGUPOL sonus eco** using one of our recommended adhesives – please contact CMS Dansk Acoustics. Please ensure the adhesive guidelines are followed at all times.
3. Ensure the plywood is pushed into the adhesive to ensure an even and firm coverage and that all T&G joints are securely in place with any excess residue of adhesive removed immediately.
4. The plywood must be positioned against the perimeter strips making sure at no point the plywood comes into contact with the perimeter walls.
5. Any excess gaps between the plywood and perimeter strips must be filled with a flexible acoustic sealant.
6. Please ensure all plywood is firmly in place with no gaps and/or damaged surfaces.
7. It is important that weight be applied to any areas of the ply that isn't in direct contact with the **REGUPOL sonus eco** to ensure a firm and secure bond.

Installing the carpet tiles

The carpet tiles must be laid in accordance with the carpet tile manufacturers installation guidelines.

Floor assembly example

Carpet



² Please contact CMS Dansk Acoustics for advice on specific adhesive type.

³ If moisture exceeds required levels

***IMPORTANT:** The information provided within this document is believed correct and to the best of our available knowledge at its revision date and is provided as suggestion for safe handling, storage, transportation, use and disposal. The information should not be considered obligation in respect of warranty of (technical) performance, quality (specification) or suitability for any application or design. The customer must satisfy themselves the product (or draft specification) are relevant and suitable for their need and design intent. Prospective users should test a sample of product under their own conditions to satisfy themselves of its suitability for intended purpose and that expert advice be sought where different applications are contemplated. Due to our policy of continuous improvement we reserve the right to alter or amend published specification or design without prior notice. Reproduction of any part of this publication in any manner is not permitted without our prior written consent.*