



PRODUCT DATA SHEET

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SPECIALTY FLOORING

Sikafloor® Comfort Regupol-6015 H

SOUND INSULATING AND SHOCK RESISTANT, RUBBER CRUMB AND POLYURETHANE-BASED PREFABRICATED UNDERLAYMENT FOR Sika ComfortFloor® Pro SYSTEM

Description	Sikafloor® Comfort Regupol-6015 H is a prefabricated mat based upon rubber granules bound in a polyurethane compound. It insulates sound, resists shock and is a flexible underlayment for use with the Sika ComfortFloor® Pro system.		
Where to Use	Suitable for interior use in public and commercial buildings including: <ul style="list-style-type: none"> ▪ Healthcare facilities; hospitals, nursing stations, clinics, residential homes. ▪ Educational premises; pre-schools, schools, colleges, universities. ▪ Retail spaces; stores, superstores, showrooms. ▪ Research areas; laboratories, corridors. ▪ Leisure premises; museums, art galleries, theatres. ▪ Business facilities; lobbies, passage-ways, offices. 		
Advantages	<ul style="list-style-type: none"> ▪ Recycled content of 86 %. ▪ Easy to install. ▪ Flexible and resilient. ▪ High impact resistance. ▪ Shock absorption. ▪ Sound reduction capacity of 19 dB when used in Sika ComfortFloor® Pro system. 		
Technical Data			
Packaging	Roll:	Length: 45 m (146.6 ft) Width: 150 cm (59 in) Thickness: 4 mm (157 mils) Diameter: 500 mm (20 in) Gross weight: 182.25 kg (401.7 lb)	
Colour		Black	
Area Density		2.7 kg/m ² (5.9 lb/10.7 ft ²) net weight	
Coverage/Area		67.5 m ² (726 ft ²)/roll	
Shelf Life		Unlimited in original, unopened packaging. Store horizontally, in dry and cool conditions (5 - 30 °C [41 - 86 °F]).	
VOC Content		N/A	
Chemical Resistance		Consult Sika Canada	

HOW TO USE

Surface Preparation All surfaces must be clean, sound, dry and of sufficient compressive strength before proceeding with the installation of the Sikafloor® Comfort Regupol-6015 H.

Where applying onto concrete, cement screeds or similar substrates, remove all dirt and dust, laitance, grease, oil, asphalt, tar, bituminous materials, grease, curing agents, impregnations, wax, foreign matter, impregnations, coatings or sealers and detritus from the surface by appropriate mechanical means, such as abrasive blast cleaning or scarifying in order to achieve a contaminant free, sound and open textured surface. Whenever abrasive blast cleaning is used, be careful to leave concrete with a uniform texture. Over blasting will result in increased consumption/reduced coverage rates of the Sikafloor® Comfort Adhesive, used to bond the underlayment.

All projections, rough spots etc must be ground off and the surface suitably level before proceeding. Rough surfaces, defects, blowholes or voids need to be repaired. Contact Sika Canada for project specific recommendations.

Following surface preparation remove all preparation residue, including dirt and loose friable material, preferably by industrial wet/dry vacuum (sweeping can result in making dust airborne to settle on the floor surface at a later juncture). This will help to ensure a tenacious bond between the adhesive and the rubber underlayment.

The compressive strength of the concrete substrate should be at least 25 MPa (3625 psi) at 28 days and at least 1.7 MPa (250 psi) in tension following preparation of the substrate and at the time of application of Sikafloor® Comfort Adhesive. (For mixing and applications details of Sikafloor® Comfort Adhesive, see separate Product Data Sheet.)

Application Having unrolled Sikafloor® Comfort Regupol-6015 H and allowed it to ‘rest’ (flatten) firmly place it into previously applied and still wet Sikafloor® Comfort Adhesive. Ensure complete contact between underlayment and adhesive using a linoleum or carpet roller (55 kg [122 lb]) to further press the mat into the tacky adhesive.

The ‘tack phase’ during which the Sikafloor® Comfort Regupol-6015 H underlayment must be applied into the Sikafloor® Comfort Adhesive will be influenced by temperature, but the adhesive must be wet, for example:

Substrate Temperature	Minimum	Maximum
10 °C (50° F)	~ 3 hours	~ 6 hours
20 °C (68 °F)	~ 1 1/2 hours	~ 3 hours
30 °C (86 °F)	~ 1 hour	~ 1 1/2 hours

There is then a need for a waiting time to elapse before applying Sikafloor® Comfort Porefiller onto the Regupol underlayment. Depending upon prevailing conditions this must be approximated to:

Substrate Temperature	Minimum	Maximum
20 °C (68 °F)	~ 3 hours	~ 6 hours

Note: Times are approximate and will be affected by changing ambient conditions particularly temperature and relative humidity).

Clean Up Clean adhesive from all tools and application equipment with Sika® Urethane Thinner and Cleaner immediately after use. Once hardened, product can only be removed mechanically. Wash soiled hands and skin thoroughly in hot soapy water or use Sika® Hand Cleaner towels.

- Limitations**
- Sikafloor® Comfort Regupol-6015 H is best installed by skilled and experienced applicators. Consult Sika Canada for advice and recommendations.
 - Prior to application, measure and confirm the following: substrate moisture content, ambient relative humidity, ambient and surface temperature and dew point. During installation, confirm and record above values at least once every three (3) hours, or more frequently whenever conditions change (e.g. ambient temperature rise/fall, relative humidity increase/decrease, etc.).
 - Beware of condensation! The substrate must be at least 3 °C (5 °F) above the dew point to reduce the risk of condensation, which may lead to adhesion failure or “blushing” on the floor finish. Be aware that the substrate temperature may be lower than the ambient temperature.
 - Moisture content of concrete substrate must be ≤ 4 % by mass (pbw – part by weight) as measured with a Tramex® CME/CMExpert type concrete moisture meter on mechanically-prepared surface according to this product data sheet (preparation to ICRI / CSP 3). Do not apply to concrete substrate with moisture levels exceeding 4 % mass (pbw – part by weight) as measured with Tramex® CME/CMExpert type concrete moisture meter. If moisture content of concrete substrate exceeds 4 % by mass (pbw – part by weight), as measured with Tramex® CME/CMExpert type concrete moisture meter, use Sikafloor®-1610 or Sikafloor®-81 EpoCem®CA.
 - When relative humidity tests for concrete substrate are conducted per ASTM F2170 for project specific requirements, values must be ≤ 85 %. If values exceed 85 % according to ASTM F2170, use Sikafloor®-1610 or Sikafloor®-81 EpoCem®CA. ASTM F2170 testing is not a substitute for measuring substrate moisture content with a Tramex® CME/CMExpert type concrete moisture meter as described above.
 - Do not apply while ambient and substrate temperatures are rising. Ensure there is no vapor drive at the time of application. Refer to ASTM D4263, may be used for a visual indication of vapour drive.
 - Uncured material reacts in contact with water, which will result in foaming. During application, care must be taken that no sweat drops into fresh Sikafloor® Comfort Adhesive (wear head and wrist bands).
 - Protect from damp, condensation and water before applying Sikafloor® Comfort Porefiller.
 - Use of unvented heaters and certain heat sources may result in defects (e.g. blushing, whitening, debonding, etc.).
 - Maximum ambient relative humidity during application and cure: 80 %.
 - Protect from damp, condensation and water for at least 24 hours.
 - Do not apply Sikafloor® to concrete substrate containing aggregates susceptible to ASR (Alkali Silica Reaction) due to risk of natural alkali redistribution below the Sikafloor® product after application. If concrete substrate has or is suspected to have ASR (Alkali Silica Reaction) present, do not proceed. Consult with design professional prior to use.
 - Minimum/Maximum ambient and substrate temperatures: 10 °C /30 °C (50 °F / 85 °F).
 - Material temperature: Precondition material for at least 24 hours between 18 to 24 °C (65 to 75 °F).
 - Mixing and application attempted at material, ambient and/or substrate temperature conditions less than 18 °C (65 °F) will result in a decrease in product workability and slower cure rates.
 - Do not hand mix Sikafloor® materials. Mechanically mix only.
 - Mechanical, chemical & physical properties will be fully achieved at full cure.
 - This product is not designed for negative side waterproofing.
 - Typically not recommended for exterior slabs on grade where freeze/thaw conditions may exist.
 - Do not apply on substrates with a slope exceeding 1 %.
 - Must be sealed and levelled with Sikafloor® Comfort Porefiller prior to application of base coats and finishes.
 - Must be overcoated and not left to operate as a floor finish.

**Health and Safety
Information**

For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent SAFETY DATA SHEET containing physical, ecological, toxicological and other safety-related data.

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL USE ONLY

The Information, and in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions, within their shelflife. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or may be downloaded from our website at: www.sika.ca

SIKA CANADA INC.

Head Office

601, avenue Delmar
Pointe-Claire, Quebec
H9R 4A9

Other locations

Toronto
Edmonton
Vancouver

1-800-933-SIKA
www.sika.ca

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