



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 rubber shockpad produced from 86 % post consumer recycled rubber crumb bound in a polyurethane compound.
Where to Use	<ul style="list-style-type: none"> ▪ Hospitals ▪ Educational Facilities ▪ Stores (Retail, Grocery, Specialty) ▪ Showrooms ▪ Lobbies ▪ Office spaces ▪ Museums and theatres ▪ For interior use only
Advantages	<ul style="list-style-type: none"> ▪ Flexible ▪ Shock and sound absorption ▪ High impact resistance ▪ Durable, high quality shockpad
Technical Data	
Packaging	Roll: Diameter: ~ 50 cm (~ 20 in) Width: ~ 150 cm (~ 59 in) Length: ~ 25 m (~ 82 ft) Gross weight: ~ 140 kg (~ 309 lb)
Colour	Black
Thickness	~ 4 mm (~ 57 mil)
Coverage/Area	~ 37.4 m² (~ 403 ft²) per roll
Area Density	~ 2.7 kg/m² (~ 5.9 lb/10.76 ft²) net weight
Shelf Life	5 years from date of production. Store rolls horizontally in a dry and cool environment at temperatures between 5 and 30 °C (41 and 86 °F)

HOW TO USE

Surface Preparation	<p>Substrate must be sound and of sufficient compressive strength 25 MPa (3625 psi) at 28 days with a minimum pull off strength of 1.7 MPa (250 psi). The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc. If in doubt, apply a test area first.</p> <p>Concrete substrates and cementitious screeds must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve an open textured surface. Weak concrete must be removed and surface defects such as blowholes and voids must be fully exposed.</p> <p>Repairs to the substrate, filling of blowholes/voids and surface levelling must be carried out using appropriate Sika® repair materials. Contact Sika Canada for advice or project specific recommendations.</p> <p>High spots must be removed by e.g. mechanical grinding using a diamond blade. All dust, loose and friable material must be completely removed from all surfaces by sweeping and/or vacuuming before application of the Sikafloor® Comfort Adhesive.</p>
Application	<p>Roll out the Sikafloor® Comfort Regupol-6015 H into the wet Sikafloor® Comfort Adhesive and press down with a 55 kg (122 lb) carpet- and linoleum-roller to further press the mat into the tacky adhesive.</p> <p>For more detailed informations please refer to the Product Data Sheet of Sikafloor® Comfort Adhesive.</p>
Clean Up	<p>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.</p>

Limitations

- Sika ComfortFloor® Systems are 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 vapour 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).
- Direct-fired gas or kerosene heaters produce by-products that can have adverse effects on the curing. To avoid this occurrence, heaters must be exhausted to the exterior of the building to avoid defects such as amine blush, whitening, loss of adhesion or other surface deficiencies
- Maximum ambient relative humidity during application and cure: 80 %.
- Protect from damp, condensation and water for at least 24 hours.
- Do not apply Sikafloor® products 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 at temperatures between 18 and 24 °C (65 and 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.
- Product must not be thinned/diluted as this will effect the critical time for installation of the underlayment, the cure and reduce the ultimate properties of the adhesive.
- 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 %.

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

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