

# Sikafloor®-Comfort Regupol 4580

Polyurethane rebound foam shockpad part of the  
Sika®-ComfortFloor Pro®

## Product Description

Sikafloor®-Comfort Regupol 4580 is a prefabricated shockpad produced by bonding polyether-foam crump and fine rubber-dust with a polyurethane compound.

## Uses

- Is a durable high quality shockpad
- Particularly suitable for hospitals, schools, sales premises, showrooms, entrance halls, lobbies, open-plan offices, museums
- For interior use only

## Characteristics / Advantages

- Permanently flexible
- Shock and sound absorption
- Medium impact resistance
- Easy to apply

## Product Data

### Form

### Colour

Polyether-foam crumb of varied colours with black rubber-dust and polyurethane binder.

### Packaging

Thickness	Width	Length	Area	Net weight	Gross weight
4 mm	1.0 m	45 m	45 m <sup>2</sup>	1.8 kg/m <sup>2</sup>	81 kg/roll

Roll diameter ≈ 50 cm

## Storage

### Storage Conditions

Store the rolls horizontally in an environment where protection against damage and free flowing water is guaranteed.

## System Information

### System Structure

#### Sika®-ComfortFloor Pro®:

Adhesive: 1 x Sikafloor®-Comfort Adhesive  
Rubber Shockpad: 1 x Sikafloor®-Comfort Regupol 4580  
Porefiller: 1 x Sikafloor®-Comfort Porefiller  
Wearing course: 1 x Sikafloor®-330  
Seal coat (mandatory): 1-2 x Sikafloor®-305 W



## Application Details

<b>Substrate Quality</b>	<p>Concrete substrates must be sound and of sufficient compressive strength (minimum 25 N/mm<sup>2</sup>) with a minimum pull off strength of 1.5 N/mm<sup>2</sup>.</p> <p>The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc.</p> <p>If in doubt, apply a test area first.</p>
<b>Substrate Preparation</b>	<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.</p> <p>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 products from the Sikafloor<sup>®</sup>, SikaDur<sup>®</sup> and SikaGard<sup>®</sup> range of materials.</p> <p>High spots must be removed by e.g. grinding.</p> <p>All dust, loose and friable material must be completely removed from all surfaces before application of the product, preferably by brush and/or vacuum.</p>

## Application Conditions / Limitations

<b>Substrate Temperature</b>	+10°C min. / +30°C max.
<b>Ambient Temperature</b>	+10°C min. / +30°C max.
<b>Substrate Moisture Content</b>	<p>≤ 3% pbw moisture content.</p> <p>Test method: Sika<sup>®</sup>-Tramex meter, CM - measurement or Oven-dry-method.</p> <p>No rising moisture according to ASTM (Polyethylene-sheet).</p>
<b>Relative Air Humidity</b>	80% r.h. max.
<b>Dew Point</b>	<p>Beware of condensation.</p> <p>The substrate and uncured floor must be at least 3°C above dew point to reduce the risk of condensation or blooming on the floor finish.</p>

## Application Instructions

<b>Application Method / Tools</b>	<p>Roll out the shockpad into the wet Sika<sup>®</sup> Comfort Adhesive and press down with Carpet- and Linoleum-Roller (e.g.55 kg) during the tack-phase.</p> <p>For more detailed informations please refer to the Product Data Sheet of Sika<sup>®</sup>-Comfort Adhesive.</p>
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## Waiting Time / Overcoating

Before applying Sikafloor<sup>®</sup>-Comfort Porefiller allow:

Substrate temperature	Minimum	Maximum
+10°C	360 min	720 min
+20°C	180 min	360 min
+30°C	90 min	180 min

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

<b>Notes on Application / Limitations</b>	<p><i>Tools</i> Carpet- and Linoleum-Roller „SHARK“ – Fixed-Blade PROFESSIONAL Flooring-Knife</p> <p>Under certain conditions, underfloor heating or high ambient temperatures combined with high point loading, may lead to imprints in the resin.</p> <p>If heating is required do not use gas, oil, paraffin or other fossil fuel heaters, these produce large quantities of both CO<sub>2</sub> and H<sub>2</sub>O water vapour, which may adversely affect the finish. For heating use only electric powered warm air blower systems.</p>
<b>Value Base</b>	<p>All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.</p>
<b>Health and Safety Information</b>	<p>For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.</p>
<b>Legal Notes</b>	<p>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. 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 written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms and conditions of sale. Users should always refer to the most recent issue of the Australian version of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.</p> <p>PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.</p>

