

**PRODUCT DATA SHEET**

Edition 12.2018/v1

# Sika® FastFix-130 Power Patch

**RAPID CURING, TWO-COMPONENT, FLOWABLE, HIGH STRENGTH REPAIR MORTAR FOR HORIZONTAL REPAIRS**

<b>Description</b>	Sika® FastFix-130 Power Patch is a two-part, pre-proportioned, high strength cementitious mix for horizontal repairs on concrete surfaces. Sika® FastFix-130 Power Patch is specifically formulated, pre-dosed and packaged for in-bag mixing and ease of application. In addition to its handy packaging, the mortar hardens in 30 minutes to 1 hour.																										
<b>Where to Use</b>	<p>Ideal for small repairs (holes, spalls, etc.) on horizontal concrete surfaces such as:</p> <ul style="list-style-type: none"> <li>▪ Concrete walkways / sidewalks</li> <li>▪ Concrete driveways</li> <li>▪ Concrete basement floors</li> <li>▪ Concrete patios</li> <li>▪ Interior / exterior floors</li> </ul>																										
<b>Advantages</b>	<ul style="list-style-type: none"> <li>▪ Excellent bond strength to concrete</li> <li>▪ Pre-dosed, easy to use, apply and finish</li> <li>▪ In-bag mixing requiring no specific tools</li> <li>▪ No primer required before application</li> <li>▪ Does not require water addition</li> <li>▪ Fluid consistency for easy placement</li> <li>▪ No dust emissions</li> <li>▪ Quick hardening allowing vehicular traffic after one (1) hour</li> </ul>																										
<p><b>Technical Data</b></p> <table> <tr> <td><b>Packaging</b></td><td>858 mL (29 US fl. oz.) pouch - 6 pouches/case</td></tr> <tr> <td><b>Colour</b></td><td>Concrete Grey</td></tr> <tr> <td><b>Yield</b></td><td>0,092 m<sup>2</sup> (1 ft<sup>2</sup>) at a depth of 13 mm (1/2 in).</td></tr> <tr> <td><b>Shelf Life</b></td><td>Two (2) years in the original, unopened pouch. Store in frost-free conditions, at temperatures between 10 and 32 °C (50 and 90 °F). Condition product for 12 hours at temperatures between 18 and 24 °C (65 and 75 °F) before use.</td></tr> <tr> <td colspan="2"><b>Properties at 23 °C (73 °F) and 50 % R.H.</b></td></tr> <tr> <td><b>Compressive Strength (ASTM C109)</b></td><td>1 hour: 6 Mpa 1 day: 13 Mpa 7 days: 25 MPa 28 days: 30 MPa</td></tr> <tr> <td><b>Open time</b></td><td>1 - 5 minutes</td></tr> <tr> <td><b>Initial Set Time</b></td><td>15 - 30 minutes</td></tr> <tr> <td><b>Final Set Time</b></td><td>20 - 40 minutes</td></tr> <tr> <td><b>Application Thicknesses</b></td><td>Minimum Thickness: 3 mm (1/8 po) Maximum Thickness: 75 mm (3 po)</td></tr> <tr> <td><b>Waiting Time / Recoat</b></td><td>30 minutes to 1 hour (for vehicular traffic) ; 7 days before applying paint/coating</td></tr> <tr> <td><b>VOC Content</b></td><td>0 g/L</td></tr> <tr> <td><b>Chemical Resistance</b></td><td>Consult Sika Canada</td></tr> </table> <p><i>Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.</i></p>		<b>Packaging</b>	858 mL (29 US fl. oz.) pouch - 6 pouches/case	<b>Colour</b>	Concrete Grey	<b>Yield</b>	0,092 m <sup>2</sup> (1 ft <sup>2</sup> ) at a depth of 13 mm (1/2 in).	<b>Shelf Life</b>	Two (2) years in the original, unopened pouch. Store in frost-free conditions, at temperatures between 10 and 32 °C (50 and 90 °F). Condition product for 12 hours at temperatures between 18 and 24 °C (65 and 75 °F) before use.	<b>Properties at 23 °C (73 °F) and 50 % R.H.</b>		<b>Compressive Strength (ASTM C109)</b>	1 hour: 6 Mpa 1 day: 13 Mpa 7 days: 25 MPa 28 days: 30 MPa	<b>Open time</b>	1 - 5 minutes	<b>Initial Set Time</b>	15 - 30 minutes	<b>Final Set Time</b>	20 - 40 minutes	<b>Application Thicknesses</b>	Minimum Thickness: 3 mm (1/8 po) Maximum Thickness: 75 mm (3 po)	<b>Waiting Time / Recoat</b>	30 minutes to 1 hour (for vehicular traffic) ; 7 days before applying paint/coating	<b>VOC Content</b>	0 g/L	<b>Chemical Resistance</b>	Consult Sika Canada
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<b>HOW TO USE</b>																											
<b>Surface Preparation</b>	Remove all deteriorated concrete, dirt, oil, grease, curing compounds and any other bond-inhibiting materials from surface to be repaired. Preparation work should be carried out by high pressure water blast or any appropriate mechanical mean to obtain an aggregate-fractured surface (ICRI - CSP 3 minimum) surface profile or greater. Substrate must be damp (SSD) without standing water before application.																										
<b>Priming</b>	No priming required.																										

<b>Mixing</b>	Set the pouch on a flat surface and roll it to rupture the seal and allow Component A (liquid) to flow into the compartment containing Component B (powder). Knead and shake the bag for 30 seconds and force material to travel inside the pouch, back and forth, until a homogeneous consistency is achieved.
	<b>Note:</b> The clear packaging allows the user to see when the product is properly mixed.
<b>Application</b>	Have scissors or a utility knife ready, next to area to be repaired, to cut a corner of the bag after mixing is completed. Cut one of the bag's corners and pour mixed material directly from the pouch into the area to be repaired; thanks to its fluidity, the material will fill and settle into the repair. Smooth the freshly applied mortar with a straight and smooth tool or object (screed board, straight wood plank or batten or any appropriate masonry tool adapted to the size and shape of the area to be repaired) in order to obtain a smooth and flat finish. Depending on ambient conditions, curing time will vary between 30 minutes to one (1) hour.
<b>Curing</b>	Protect the fresh mortar from direct sunlight, wind, rain or frost using the normal relevant curing method for cementitious mortars.
<b>Clean Up</b>	Clean all tools and application equipment with water immediately after use. Hardened / cured material can only be mechanically removed.
<b>Limitations</b>	<ul style="list-style-type: none"> <li>▪ Minimum application temperature: 8 °C (46 °F).</li> <li>▪ Low temperatures or high humidity will extend curing time.</li> <li>▪ Low temperatures will cause a thicker consistency.</li> <li>▪ Do not apply on frozen or frost covered substrates.</li> <li>▪ Do not apply on vertical surfaces - horizontal repairs only.</li> <li>▪ Do not allow product to freeze during storage.</li> </ul>
<b>Health and Safety Information</b>	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

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](http://www.sika.ca)

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