BUILDING TRUST

PRODUCT DATA SHEET

Sika® Rapid Repair Cement

Rapid setting repair cement

PRODUCT DESCRIPTION

Sika® Rapid Repair Cement is a specially formulated, cement-based patching and repair mortar that sets hard in approximately 30 minutes. Suitable for a wide range of applications up to a depth of 25 mm (1 inch).

USES

- Repairs cracks and holes in concrete, stone, and brick.
- Suitable for patch repairs to steps, kerbstones, and window sills.
- For use on internal and external walls and floors.
- Weatherproof.
- Seals and joints drains and pipes.
- Bedding of sanitary ware (sinks, WCs, etc.).
- Fills gaps around pipes and service penetrations.
- Suitable for repairing pointing on brick and stone-work.
- Sets railings, posts and street ironwork.
- Resets bolts and brackets.
- Suitable for virtually any application where ordinary cement would be used.

CHARACTERISTICS / ADVANTAGES

- Rapid setting (30 minutes, depending on ambient temperature and conditions).
- Easy mixing, just add water.
- Fills up to 25 mm in one application (for deeper holes in excess of 25 mm use Sika® Deep Fill Rapid Repair Mortar).
- Sets in the cold and wet.

APPROVALS / STANDARDS

Conforms to EN 1504-3 Class R4.

PRODUCT INFORMATION

Chemical Base	Cement and aggregate.
Packaging	3 kg & 6 kg bags.
Colour	Grey.
Shelf Life	12 months from date of manufacture in original unopened bag. Any opened bag should be used within 1 month.
Storage Conditions	Store in cool dry conditions between +5 °C and +25 °C. Storage outside these parameters will significantly reduce shelf life.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS

- Large voids may be filled using Sika Boom® Expanding Foam and, once cured, finished with Sika® Rapid Repair Cement. For floor repairs exceeding 25 mm in depth, use Sika® Deep Fill Rapid Repair Mortar.
- For load-bearing applications use Sika AnchorFix® and, for applications requiring chemical resistance, use the Sika® Epoxy Mortar Repair Kit.
- For the maximum carbonation resistance for steel work, and to further reduce capillary water absorption, overcoat with a protective system conforming to EN1504-2.
- For repairs to fish ponds and pools, use Sika® Waterproof Rapid Repair Cement and seal with a suitable paint before refilling.

ECOLOGY, HEALTH AND SAFETY

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Before applying, ensure surfaces are clean, sound and free from dust, crumbly material or any contaminants, which may affect adhesion. Thoroughly wet surfaces to improve adhesion.

APPLICATION

- Always use clean, dry tools and add approximately 3-parts powder to 1-part clean, cold water by volume.
- Mix quickly to form a smooth paste.
- IMPORTANT: Do not mix more cement than can be used within 5–10 minutes.
- Apply the mixture immediately with a trowel or filling knife, working it well into the area.
- Level with the surrounding surface, as the mixture will begin to set within 10 minutes.
- Once the product begins to stiffen, do not use any remaining residue or add further water to the mix, as this will reduce its strength.
- In warm conditions, cover with polythene to assist curing.

CLEANING OF TOOLS

Clean all tools immediately with warm water before the repair mortar dries.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

LEGAL NOTES

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 accordance with Sika's recommendations. 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 user of the product must test the product’s suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. 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.

SIKA IRELAND LIMITED
Ballymun Industrial Estate
Ballymun
Dublin 11, Ireland
Tel: +353 1 862 0709
Web: www.sika.ie
Twitter: @SikaIreland