

Sikadur®-42 MY

Pourable epoxy grout

Construction

Product Description

Sikadur®-42 MY is a solvent-free, 3-part pourable grout, based on a combination of epoxy resins and specially graded aggregates. After mixing, it forms a flowable mortar, suitable for grouting and filling.

Uses

- Self-levelling, flowable epoxy mortar on concrete, stone, mortar, steel, aluminium, asbestos, cement, wood, polyester and epoxy
- Structural bonding of starter bars, anchors, support, braces and tie bars
- Grouting of crash barrier posts, bearing plates, machine bases, mechanical bridge joints and bridge bearings
- Tie-less rail grouting of crane rails, in tunnels and on bridges

Characteristics / Advantages

- Fast, accurate fixing
- Rapid strength gain
- Solvent free
- Shrinkage free hardening
- High mechanical strength
- Hardens even at high humidity
- High resistance against abrasion impact and vibration
- Can be applied on dry and damp surfaces (no standing water)
- Good flow characteristics even in thin layers

Product Data

Form

Appearance / Colours Concrete grey powder

Packaging 25 kg sets (Parts A+B+C)

Storage

Storage Conditions / Shelf Life 24 months from the date of production if stored properly in original, unopened and undamaged packaging in dry conditions.



Application Method / Tools	<p><i>Grouting Under In-Place Equipment</i> Pour mixed Sikadur[®]-42 MY into forms. The low viscosity allows it to self-level rapidly. Chaining or rodding is not necessary under normal conditions.</p> <p><i>Grouting New Pads</i> Set levelling shims, screeds or adjusting screws. Pour grout in single or multiple lifts from 25 - 50 mm thick. Maintain 50 mm minimum head to ensure intimate contact between grout and plate.</p> <p>Gravity head may be used to increase flow rate and distance, if desired. Machine base must nest in Sikadur[®]-42 MY pad. Place sufficient grout in form to rise slightly above underside of machine base. Strip forms after cure.</p>
Cleaning of Tools	Clean all tools and application equipment with water immediately after use. Hardened/cured material can only be mechanically removed.
Pot Life (4 kg, 30°C)	40 minutes
Notes on Application / Limitations	<ul style="list-style-type: none"> ■ Minimum age of new concrete is 3 – 6 weeks (depending on climate) ■ Do not thin Sikadur[®]-42 MY
Notes	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
Health and Safety Information	
Protective Measures	<p>Use of basic principles of industrial hygiene, such as rubber gloves, goggles and protective clothing will enable this product to be used safely.</p> <p>Local regulations as well as health and safety advice on packaging labels must be observed.</p>
Important Notes	<p>Residues of material must be removed according to local regulations. Fully cured material can be disposed as household waste under agreement with the responsible local authorities.</p> <p>Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the Material Safety Data Sheet (available upon request).</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 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.



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