


Sikadur[®]-42 MP Slow

3-part, multi purpose epoxy grouting system

Sikadur[®]-42 MP Slow is a three-component, multipurpose, moisture tolerant, epoxy grouting system. For use at temperatures between +20 °C and +40 °C.

- ✓ High early strength
- ✓ Ready-to-mix, pre-batched units
- ✓ Moisture tolerant

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 [PRODUCT DATA SHEET\(/DAM/DMS/PAKDMS/K/SIKADUR-42-MP-SLOW.PDF\)](/DAM/DMS/PAKDMS/K/SIKADUR-42-MP-SLOW.PDF) [SHOW ALL DOCUMENTS](#)

Overview

Product Details

Application

Documents

Usage

High-strength grouting and fixing of:

- Starter bars
- Anchors
- Fasteners
- Tie rods
- Crash barrier posts
- Fence and railing posts

Under-grouting and bedding of:

- Base plates
- Machine bases, seat base-plates for light and heavy machinery including heavy impact and vibratory machinery, reciprocating engines, compressors, pumps, presses, etc.
- Bridge bearings
- Mechanical joints (i.e. road/bridge/deck types etc.)
- Crane tracks

Packaging

Advantages

- High early strength
- Ready-to-mix, pre-batched units
- Moisture tolerant
- Non-shrink
- Corrosion and chemically resistant
- Stress and impact resistant
- High compressive strength
- High vibration resistance
- Low coefficient of thermal expansion

Colour

Concrete Grey

Pre-batched unit	12 kg (A+B+C) pallets of 252 kg (21 × 12 kg)
Bulk packaging (not pre-batched)	144 kg (A+B+C)
Component C (Sikadur-514)	bag for 24 kg units pallets of 960 kg (40 × 24 kg)

Product Details

Sustainability / Certifications / Approvals —

APPROVALS / STANDARDS

- Testing according to EN 1504-6.

Product Information +

Technical Information +

Application

Application Information —

Mixing Ratio

Component A : B : C = 5 : 1 : 30 by weight (Standard)

Solid / liquid = 5 : 1 by weight

Possibility to adjust the mixing ratio, depending on flowability:

Component A : B : C = 5 : 1 : (27–36) by weight

Solid / liquid = (4,5–6) : 1 by weight

Layer Thickness

Minimum grout depth: 10 mm

Maximum grout depth: 150 mm

Temperature	Layer thickness max.
20 °C–30 °C	150 mm
30 °C–40 °C	100 mm*

* no reduction of fillers; apply only with Mixing Ratio A : B : C = 5 : 1 : (30–36)

Peak Exotherm

41 °C (at +23 °C)

(ASTM D 2471)

Product Temperature

Sikadur®-42 MP Slow must be applied at temperatures between +20 °C and +30 °C
Condition the material by also storing at this temperature for 48 hours before use.

Ambient Air Temperature

+20 °C min. / +40 °C max.

Dew Point

Substrate temperature during application must be at least 3 °C above dew point to avoid condensation.

Substrate Temperature

+20 °C min. / +40 °C max.

Substrate Moisture Content

≤ 4 % pbw

Pot Life

(200 g, adiabatic testing)


	+23 °C	+40 °C
5 : 1 : 30	100-110 minutes	45-50 minutes

The potlife begins when the resin and hardener are mixed. It is shorter at high temperatures and longer at low temperatures. The greater the quantity mixed, the shorter the potlife. To obtain longer workability at high temperatures, the mixed adhesive may be divided into portions. Another method is to chill components A+B and C before mixing them (i.e. only when application temperatures are above +20 °C).

[Application steps](#)

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Documents

 [Sikadur®-42 MP Slow](#)

[Product Data Sheet](#)
(PDS)

[PDF - 116](#)
KB

 [./dam/dms/pakdms/k/sikadur-42-mp-slow.pdf](#) 

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