

Deep-pour structural grout

PRODUCT GUIDE · CHEMICAL-23

Cementitious structural grout formulated for the manufacturer's specified deep-pour applications.

Application

Suitable baseplates, void filling and structural grouting where the selected system is specified.

Deep-pour structural grout — reference specifications

Reference product	SikaGrout Deep Pour, 20 kg bag
Pack and type	20 kg; Class A and C shrinkage-compensated cementitious grout.
Applications	Mass grouting, machine bedplates, anchor bolts, bridge bearing pads and precast sections.
Application depth	20–500 mm. Above 500 mm the PDS requires clean, well-graded smooth aggregate to reduce exothermic heat; it does not give a universal extended-depth limit.
Mix and yield	2.5–2.8 L water per 20 kg; approximately 9.8 L grout yield.
Compressive strength	Approx. 12 MPa at 1 day; 30 MPa at 3 days; 50 MPa at 7 days; 70 MPa at 28 days.
Strength test basis	AS 1478.2:2005; 50 × 50 mm cubes, material/curing at 23°C and 50% RH. Laboratory values, not a site guarantee.
Application window	Ambient/substrate 5–35°C; approximate pot life 30 minutes at 20°C.
Curing	Begin immediately and continue at least 7 days. Optimum material/substrate temperature is 18–25°C before/during placement and for 48 hours afterwards.

Strength figures are laboratory reference values on the stated test basis. Select the grout and placement method against the project specification and current manufacturer data sheet.

Details to include in your enquiry

Minimum and maximum pour depth · Structural specification and application conditions · Required volume and delivery

Technical references

[Product data sheet — May 2024, v01.05 — open reference](#) · Product data sheet · May 2024 · version 01.05

[Safety data sheet — open reference](#) · Safety data sheet · Confirm current revision with quotation

Selected source fields compared 2026-10-05. Pack, depth, water/yield, strength test basis, temperatures, pot life and curing compared; source qualifiers retained.

Reference values apply only to the identified configuration. The offered model, dimensions, approvals and lead time are confirmed with your quote. Availability is subject to confirmation.