

PRODUCT DATA SHEET

SikaGrout®-212 PH

High strength, shrink-compensated, cementitious grout

DESCRIPTION

SikaGrout®-212 is a high strength, shrinkage compensated, self-leveling, pre-mixed cementitious grouting mortar with extended working time to suit local ambient temperature. Complies to ASTM C1107.

USES

- General-purpose grouting
- Base plates
- Rail beds
- Precast columns and anchor bolts
- Filling cavities, voids, gaps, and recesses for repair (form-and-pour applications)
- Post-fixings

CHARACTERISTICS / ADVANTAGES

- Easy to use (ready to mix powder)
- Excellent flowability
- Good dimensional stability
- High strength, adjustable consistency
- Non-corrosive
- No segregation or bleeding
- Economical

PRODUCT INFORMATION

Packaging	25 kg bag
Shelf Life	12 months from the date of production when unopened.
Storage Conditions	Store in a cool, dry place, protected from excessive moisture and away from direct sunlight

TECHNICAL INFORMATION

Compressive Strength	(ASTM C109)
	1 day ≥ 20 MPa
	7 days ≥ 35 MPa
	28 days ≥ 50 MPa

APPLICATION INFORMATION

Mixing Ratio	16% to 18% water by weight of powder (4.0 L to 4.5 L per 25 kg bag)
Consumption	As a guide, ~20 kg of powder per 10 mm thickness per m ²
Layer Thickness	10 mm to 100 mm per layer
Substrate Temperature	10°C to 35°C

BASIS OF PRODUCT DATA

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.

ECOLOGY, HEALTH AND SAFETY

Please refer to the latest Safety Data Sheet. It is recommended that applicators wear PVC or similar gloves and safety goggles while handling the product. In case of eye contact, rinse thoroughly with plenty of cool water and seek medical attention immediately. In case of ingestion, seek immediate medical attention.

APPLICATION INSTRUCTIONS

NOTES ON INSTALLATION

- Not to be used as an overlay in unconfined spaces
- Refer to the Sika Method Statement for more information
- Avoid application in direct sun and/or strong wind
- Do not add water over recommended dosage
- Apply only to sound, prepared substrate
- Do not add additional water after application as this may cause cracking
- Keep exposed surfaces to a minimum
- Do not vibrate

SUBSTRATE QUALITY / PRE-TREATMENT

Concrete surface should be clean, sound and free from oil, grease, laitance, and loose particles. Metal surfaces (iron and steel) should be free from scale, rust, oil and grease. Absorbent substrates must be pre-saturated thoroughly but with no standing water.

MIXING

Pour the water in the recommended proportion into a suitable mixing container. While stirring slowly, add the powder to the water. Mix with low speed (< 500 rpm) hand drill mixer to avoid entraining too much air.

Sika Philippines Inc.
888 Cayetano Avenue,
C5 Extension, Brgy. Palongon - Tipas
Taguig City, Philippines 1630
Telephone no. +63 2 8790-9800
Fax no. +63 2 8790-9828

Mix thoroughly for at least for 3 minutes until homogenous with no lumps. Mix only full bags for best results.

APPLICATION

Stand the grout for ~1-2 minutes; stir with a trowel and then pour into the prepared openings. When carrying out baseplate grouting, ensure sufficient head of pressure is maintained to keep mortar flow uninterrupted. Make sure necessary formwork is firmly in place and watertight. For more information on pouring techniques refer to Sika Method Statement.

CURING TREATMENT

Protect the fresh material from premature drying using an appropriate curing method e.g. curing compound, moist geotextile membrane etc. for at least 3 to 7 days.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened mortar can only be mechanically removed.

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.

SikaGrout-212PH-en-PH-(09-2026)-1-1.pdf