

SikaGrout[®] 212

Construction



	How to Use	
	Surface Preparation	All grease, oil laitance, ice or snow and foreign deposits shall be removed from all surfaces with which the grout will come in contact. The concrete foundation shall be roughened to the extent that it does not present a smooth surface.
ICRETE		which would impede the bond of the grout to the foundation. All dust and loose particles shall be removed by sandblasting, high pressure waterblasting or other suitable means. Concrete foundations less than 28 days old shall be kept wet for at least 12 hours, and older foundations are suitable before placed and the same shall be appeared.
		from concrete surfaces prior to grouting. All items to be grouted into place shall be properly positioned and anchored prior to grouting except for anchor bolts and dowels, which may be placed into the fresh grout if job conditions permit and at the discretion of the engineer in charge. For grouting of base plates the formwork used to contain the grout shall be constructed in a workmanlike manner and caulked to prevent leakage of grout. Provisions shall be made at the high points for air to be vented
		as it is displaced by grout.
	Mixing	Mix using a heavy duty low-speed drill (300 - 450 rpm) and mixing paddle or in a grout mixer. The size of the mixer should be appropriate to the volume of grout required. Use a minimum amount of water consistent with placeability requirements. After all dry product has been added to the water, continue mixing for 3 minutes. For application greater than 150 mm (6 in) in thickness, add up to 12 kg (26.5 lb) of 10 mm (3/8 in) coarse aggregate. The aggregate must be non-reactive (reference ASTM C1260, C227, and C289), clean, well graded, saturated surface dry, have low absorption, high density and comply with ASTM C33, size number 8 per table 2. Note: Variances in aggregate may result in different strengths.
ction	Application	The prepared grout may be pumped or transported to the forms in buckets or wheelbarrows and deposited without delay. External vibration and agitation of the grout in the forms is permitted. Grout having been prepared but not placed within 1 hour after preparation shall be discarded. Prepared grout shall be agitated until use. Several hours after placement of grout (depending on ambient temperatures) forms may be removed and exposed grout shoulders may be trimmed or shaped to desired finish.
	Curing	As per ACI 308 recommendations for cement concrete, curing is required. To achieve performance consistent with Technical Data, curing must be provided by recognized curing methods, such as wet burlap covered with white polyethylene film, misting with water, or approved water-based curing compound, such as Sika® Florseal® WB 18 & 25. Curing must commence immediately after placing and finishing. Protect freshly applied grout from direct sunlight, wind rain and frost.
	Clean Up	Clean all tools and equipment immediately after use with water. Once hardened, material can only be removed manually or mechanically. Wash soiled hands and skin thoroughly in hot soapy water or use Sika [®] Hand Cleaner towels.
	Limitations	 Maintain wet grout, ambient and substrate temperatures between 5 - 32°C (41 - 89°F) for a period of 72 hours after placing, unless using Sikacem® Accelerator in mix (refer to Technical Data section).
		SikaGrout® 212 must be protected from freezing during setting. Minimum application thickness (neat without additional aggregate): 25 mm (1 in)
ć		 Minimum application thickness (neat without additional aggregate). 25 mm (1 m). Maximum application thickness (neat without additional aggregate): 150 mm (6 in). Thicker applications are possible with the addition of suitable aggregate. Please contact Sika Canada Technical Services.
		 For anchor bolt/dowel grouting, hole diameter should be 25 mm (1 in) greater than bar diameter. Anchor bolt/bar holes should be pre-dampened for a period of 1 hour prior to grouting. Holes must be in saturated surface dry (SSD) condition at time of grouting. Do not use as a patching or overlay mortar or in unconfined areas.
	Caution	Contains cement and silica sand which may in certain cases, cause skin and eye irritation. Avoid breathing dust. Use only with adequate ventilation. In confined areas, use of a NIOSH/MSHA approved respirator is recommended. Consult product label for additional information.
	First Aid	In case of skin contact, wash with soap and water. For eye contact, flush immediately with plenty of water for at least 15 minutes. Contact a physician. For respiratory problems, transport victim to fresh air. Remove contaminated clothing and wash before re-use.
		For more information, consult Sika Material Safety Data Sheet.
		KEEP OUT OF REACH OF CHILDREN FOR INDUSTRIAL USE ONLY
		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, within their shelf life. 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 recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request or can be accessed in the Internet under www.sika.ca.



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