Technical Data Sheet Edition 6, 2009 Identification no. 02 02 01 01 001 0 000054 Version no. 0010 Sikagrout[®]215 (new)



Sikagrout[®] 215 (new)

High Precision, General Purpose, Non-Shrink Cementitious Grout

Description	A non shrink, cementitious premixed grout with extended working time to suit local ambient temperatures. Flowable grout with high resistance to cement wash-out when placed under water.
	Complies to Corps of Engineer's specification CRD C-621 and ASTM C-1107
Use	 For grouting over a wide range of applications: Anchor bolts Machine bedding/base plates Supporting bridge bearing pads Pre-cast concrete sections Dry pack applications Cavities, gaps and recesses. For grouting method of concrete repair Marine structure : also recommended for repairing structure underwater and in tidal zone grouting. Application repair of : - Bridge piers. - Concrete piles. - Harbour walls. - Jetty pillars.
Advantages	 Easy to use, just add water Good flow characteristic Adjustable consistency Rapid strength development Impact and vibration resistant Shrinkage compensated High final strength Non-Corrosive Non-Toxic
Consumption	~ 1.920 kg/m ³ of mortar.
Instruction for Use Surface Preparation	Remove dirt, oil, grease, loose material and other bond-inhibiting materials. Anchor bolts to be grouted must be degreased with suitable solvent. Concrete must be sound and roughened to promote mechanical adhesion. Prior to pouring, surface must be wetted to saturated surface dry
Forming	For flowable grout, construct forms to retain grout without leakage. Forms should be lined or coated with bond-breaker for easy removal. Forms should be sufficiently high to accommodate head of grout. Where grout tight form is difficult to achieve, use Sika Grout 215 (new) in dry pack consistency.
Mixing	Put appropriate quantity of water (depend on the required consistency) into a mixing vessel. Add slowly the total contents of SikaGrout 215 (new) while mixing. Mix continuously for 3 minutes to achieve an even consistency. Use a mechanically low speed drill (400–600 rpm) with mixing paddle or appropriately sized mortar mixer.
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ter mixing, place grout into forms from one side to avoid air vibrate. Use a suitable head box of 150–200 mm and maintain times to ensure a continuous flow. Gentle tapping or pulling he side may assist the flow of the mortar under difficult working
num 3 days with wet hessian, plastic sheet or apply a curing
a thickness : 10 mm cness of Sika Grout 215 (new) in one pour is 20 mm to 50 mm. ckness exceeds 100 mm, special procedure must be taken to ure rise. Iced water, add coarse aggregate to the mix (max. ight), or both of them may be used to eliminate temperature rials and substrate temperature lower than 30° C. Variations in e shade differences in colour of the mortar. In the case of aggregate, it is advised to conduct trial mix to check influence e addition on grout workability and strength. 8 to 10-mm size to be the most suitable size for this addition.
cal Service for under water application.
sec)
ete failure, over mechanically roughened concrete surface)
nechanically roughened grout surface)
pened and stored in dry condition



	Handling Precautions:	 Avoid contact with skin and eyes Wear protective gloves and eye protection during work If skin contact occurs, wash skin thoroughly If in eyes, hold eyes open, flood with warm water and seek medical attention without delay.
	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 product when properly stored, handled and applied under normal conditions in accordances 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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