

# CEMENT/SILICA FUME SLURRY GROUT

September, 09 Page 1 of 1

## PRODUCT and USES

TARGET® Cement/Silica Fume Slurry Grout consists of accurately weighed and blended Portland cement, silica fume and graded sand combined in the 46/4/50 parts by weight proportions specified by many authorities for improving the adhesion of overlay or repair concrete to bridge decks and other concrete structures.

## ADVANTAGES

1. Reduced materials inventory – only one material is needed, instead of three.
2. Accurate preblending of the ingredients of TARGET Cement/Silica Fume Slurry Grout in the required proportions eliminates the variability that inevitably occurs when site batching is used to prepare slurry grouts.

## PROCEDURES

Follow the procedure outlined in CSA Standard A23.1-94, Section 23.4, Bonded Toppings. After surface preparation has been completed in accordance with the project requirements, the steps required for applying the bonding slurry include:

1. Before applying the bonding slurry grout, continuously soak the repair area for a minimum of 3 hours with potable water.
2. Just before concrete placing commences, remove excess water, using oil-free compressed air if necessary. Allow the surface to become dry, as indicated by a change from dark to light colour, just before applying the slurry and commencing concrete placing.
3. Mix TARGET Cement/Silica Fume Slurry Grout with potable water to an appropriate consistency for the work. The consistency should be such that the mixture can be applied with a stiff brush or broom to give a uniform, thin coating over the concrete surface with no tendency to run or pond in low spots.
4. Apply the slurry grout immediately before placing the repair concrete. Do not allow the grout to dry or set before placing concrete.
5. Mixed grout that has not been applied to the surface should be remixed at frequent intervals to prevent segregation. Discard any grout that has not been applied within 45 minutes of the start of mixing.

## CAUTION

- TARGET Cement/Silica Fume Slurry Grout contains Portland cement. Follow all of the safety precautions applicable to Portland cement and concrete when working with this product. See product WHMIS label and MSDS for details.
- Surface and ambient temperatures during the application and initial curing of TARGET Cement/Silica Fume Slurry Grout must be within the limits given in CSA A23.1-94, Section 23.4.

## PACKAGING

TARGET Cement/Silica Fume Slurry Grout is supplied in 30 kg (66 lb) paper bags.

Product performance is affected by many factors, including storage, method and conditions of application and use. User testing is ESSENTIAL to determine suitability of product for intended method of application and use. Target's SOLE WARRANTY is that the product has been manufactured to specifications. No oral or written information or advice shall increase this warranty or create new warranties. Target's SOLE LIABILITY is to replace product proved defective. In no event shall Target be liable for any consequential, indirect or other damages whether arising from negligence or otherwise.

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