



SETTING GROUT

DESCRIPTION:

Setting Grout is a fast setting unique non-shrink, pre-blended cementitious grout, requiring only potable water for mixing. Setting Grout achieves initial set in 20 minutes at 24°C (75°F) and can be put into service within 3 hours. Setting Grout is non-metallic, non-staining, non-toxic and as safe to handle and work with as ordinary portland cement. Setting Grout develops high strength, a tenacious bond, and exhibits excellent sulphate resistance.

USES:

Setting Grout is used for anchoring bolts, reinforcing rods, posts, railings, signs into concrete, terrazzo, block and stucco.

CHARACTERISTICS:

Setting Grout is a very fast setting and versatile patching material that can be modified with various ingredients to alter its characteristics. Addition of fibres will improve the patch flexibility, and early curing performance. The addition of latex modifications will increase bond strength, flexibility and reduce permeability. Retarder and accelerator are available to control setting characteristics in hot or cold conditions. Setting Grout with the addition of a flow aid can be used in a flowable consistency. Consult Con-Spec for specific applications.

LIMITATIONS:

Applications over 7 cm (3") in thickness require the addition of 1 cm (3/8") stone to a maximum of 22.7 kg (50 lbs) by weight per 22.7 kg (50 lb) pail. Temperatures below 0°C (32°F) will require the use of an accelerator and/or the use of heated water.

COMPOSITION:

Setting Grout contains a proprietary cement formulation with specially selected aggregates and admixtures. No chlorides are used in Setting Grout.

COVERAGE:

Setting Grout is packaged in 22.7 kg pails and will yield approximately 0.4 cubic feet or 0.011 cubic meters per bag at 4.5L of water per pail.

PROPERTIES: (@23°C)

Compressive Strength (CSA CAN3-A5)

4 hour MPa (psi)	28 (4,000)
28 Days MPa (psi)	45 (6,500)

Bond Strength (ASTM C882)

24 hours MPa (psi)	19 (2,700)
28 days MPa (psi)	26 (3,750)

4.5 L / 22.7 Kg (Flowable)

SURFACE PREPARATION:

Surface must be structurally sound, free of loose or deteriorated concrete, dust, dirt, and other contaminants. Clean and prime exposed steel and reinforcing. When substrate is not absorptive, abrade as necessary to ensure proper bonding. When temperature is above 3°C (37°F), prewet the prepared area with potable water to achieve a saturated surface dry condition, before application. Absorb excess water and puddles to prevent dilution of the grout.

MIXING INSTRUCTIONS:

Setting Grout will require a maximum of 4.5 liters of potable water per 22.7 kg (50 lb) pail, to achieve the proper mix consistency. Add the Setting Grout to the water and thoroughly mix to the proper consistency, mix for 3 minutes minimum but no more than 5 minutes in total.

APPLICATION TECHNIQUES:

To ensure complete bond with the entire surface, a prime coat of Setting Grout mixed with water or our Latex Bonding Admixture as a slurry coat may be scrubbed in the concrete surface. The Setting Grout is then mixed into a no slump consistency and firmly placed into the prepared area by hand or with a trowel. Apply sufficient force to fill all holes and voids, and then trowel to a smooth finish. On large areas, use a screed to obtain a uniform level before trowelling.

CURING TECHNIQUES:

Setting Grout MUST be cured using water for first hour. Wet curing of all patches and exposed grout areas with saturated burlap or fine water mist is highly recommended. When Setting Grout is applied in areas exposed to wind and/or direct sunlight the saturated burlap should be covered with a polyethylene sheet. The saturated burlap can be applied as soon as the product has set firm and surface cannot be marred. **Do not wet cure below 3°C (37°F).**

CLEAN UP:

Clean application tools and mixing equipment with water immediately following use.

SAFETY PRECAUTIONS:

Product contains cement and is alkaline on contact with water. Wear dust, skin, and eye protection. Irritating to eyes and skin. Avoid splashing into eyes. Avoid contact with skin. In case of eye contact, flood eyes repeatedly with water and call a physician immediately. **DO NOT RUB EYES!** Wash hands thoroughly with soap and clean water after handling. Do not take internally. Keep out of reach of children. Consult Safety Data Sheet for further information.

REV 1/13/17

Seller warrants that the product described on the face hereof has been manufactured of selected raw materials by skilled technicians. Neither seller nor manufacturer shall be responsible for any claims resulting from the failure to utilize the product in the manner in which it was intended and in accordance with instructions provided for use of product. The only obligation of either the seller or manufacturer shall be to replace any quantity of this product which proved to be defective. Neither seller nor manufacture assumes any liability, loss, or damage resulting from use of this product.