



GROUTING, GENERAL with CEMENT ALL

SUMMARY INSTRUCTIONS:

1. Sound concrete with a good profile
2. Grouting thickness featheredge to 100mm
3. Build forms
4. Clean concrete
5. Saturated, Surface Dry (SSD) concrete
6. Mix per instructions on product
7. Pour grout into place to avoid air pockets
8. Wet cure the shoulders for 1 hour or until final set, whichever is longer
9. Clean equipment and surrounding area immediately
10. See Full Instructions below for details

FULL INSTRUCTIONS:

SURFACE PREPARATION:

1. Remove a minimum of 1.59mm from the application surface.
2. Concrete must be free of materials such as paint, oil, curing compound, bond breaker, or any material that will inhibit bonding. Mechanically remove loose, unsound, contaminated concrete.
3. Thoroughly clean extraneous material such as dirt, loose chips, and dust from concrete surface. If compressed air is used, it shall be free of oil.
4. Build watertight non-absorbent forms leaving sufficient room to pour the grout.
5. Concrete surface shall be saturated with potable water. Standing water shall be removed from surface to achieve a saturated-surface-dry (SSD) condition.

MIXING:

1. Organize personnel and equipment before mixing.
2. See product package for amount of water to use.
3. Follow manufacturer's recommendations for mixing in cold or hot conditions. The mixed temperature may be controlled by protecting the bags of repair material from temperature extremes and using hot or cold mix water.
4. Add water to the mixing container. While mixing with a power driven mechanical mixer, such as a mortar mixer or a drill mounted mixer, add repair material.
5. Mix for 1 to 3 minutes to achieve a uniform, lump-free consistency.
6. Do NOT re-temper.

PLACEMENT:

1. Pour grout to maximum 100mm thickness immediately after mixing.
2. Place repair material only if surface and ambient temperatures are above 7°C and rising.
3. Pour grout from one side only allowing it to fill the space completely and to avoid air pockets.
4. Cover shoulders with clean wet rags.
5. Remove forms when grout has stiffened to the point that it will not sag.
6. Cut and finish the shoulders.

CURING:

1. Water cure and keep continuously wet for 1 hour or until final set, whichever is longer.

CLEAN UP:

1. Maintain a clean, orderly work area.
2. Clean excess material from surrounding areas and equipment immediately.
3. Protect adjacent surfaces that may be damaged by cement mixture with drop cloths, waterproof paper, or other means to maintain surfaces free of material splashes, water, and debris.