UTILITY TRENCHES with CONCRETE MIX

SUMMARY INSTRUCTIONS:

1. Compact and dampen subgrade soil or stone
2. Minimum 50mm repair thickness
3. Mix per instructions on product
4. Press material firmly into place
5. Finish quickly
6. Wet cure for 1 hour or until final set, whichever is longer
7. Clean equipment and surrounding area immediately
8. See Full Instructions below for details

FULL INSTRUCTIONS:

SURFACE PREPARATION:

1. The perimeter of the area to be repaired shall be sawcut or chipped perpendicular to the surface to a minimum depth of 50mm. Do NOT cut or damage reinforcing steel.
2. Clean reinforcing steel by sandblasting or other mechanical means to achieve a white metal finish.
3. Subgrade soil or stone shall be well compacted and dampened.

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. Place repair material at minimum 50mm thickness immediately after mixing.
2. Place repair material only if surface and ambient temperatures are above 7°C and rising.
3. Place the mixed repair material on the dampened subgrade.
4. Work the mixed repair material firmly into all application surfaces to achieve good bond. Consolidate to remove air voids.
5. Do NOT wait for bleed water. Apply final finish as soon as possible.

CURING:

1. Begin water cure when repair area begins to lose its moist sheen 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.