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PUT THE FREEZE ON CONCRETE WINTER WEATHER DAMAGE

Protecting Concrete Surfaces from Cold-Weather Damage Can Help You Avoid Expensive Replacement Projects

ATLANTA (**Sept. 27, 2007**) – Winter is just around the corner, and many homeowners are not prepared for the effects this coming change in weather will have on their homes, particularly on their concrete carports, driveways, patios, porches and walks.

Freezing rain, ice, snow and deicers, as well as freeze/thaw temperature cycles have the potential to cause costly damage to concrete surfaces if left unchecked. Not only does the saturation and freezing of concrete surfaces accelerate crack expansion and surface deterioration, but the spreading of icing salts



also causes severe damage to the aesthetic and structural integrity of unprotected concrete.

Precautionary measures such as crack repair, and curing and sealing are cost-effective solutions to prevent expensive replacement projects in the future.

Dependent upon the size of a repair, the following products are specially designed to remedy particular structural issues with concrete and to retain the long-lasting beauty and strength of these surfaces: QUIKRETE® Concrete Crack Seal (Gray), QUIKRETE® Vinyl Concrete Patcher and QUIKRETE® Concrete & Asphalt Cleaner.

- Careful preparation of the concrete surface is essential for positive end results. Using
 a push broom, sweep entire area to remove all dust and debris. The surface and cracks
 must be clean, dry and free of grease, dust or loose concrete prior to any repairs.
- Clean the surface with the concrete and asphalt cleaner and then rinse with clean water. Do not leave any standing water on surface to be repaired.



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- For minor horizontal cracks or fractures (1/8-inch to 1/2-inch in width), begin by shaking the concrete crack seal and then cutting the tip of the bottle so the opening matches the width of the crack.
- If the crack is deep, fill to within 1/4-inch of the surface with QUIKRETE® All-Purpose Sand or a backer rod.
- Squeeze the repair material into the crack in 1/4-inch layers, over-filling slightly to allow for shrinkage. Additional layers can be applied after 24 hours as needed.
- Use the vinyl concrete patcher to make thin repairs to cracked or pitted horizontal concrete areas up to one square foot in size and 1/2-inch in depth.
- Dampen the concrete surface and then apply the patching material with a trowel, taking care to force the product into the crack. Feather edge the mix out onto the surrounding concrete to create a smooth repair.
- Apply the patching material in 1/4-inch layers. If the hole is deeper than 1/4-inch, apply in stages and allow each layer to cure for several days before starting the next.

For additional project ideas, visit www.quikrete.com and select "QUIKRETE® At Home."

The QUIKRETE® Companies

The QUIKRETE® Companies are the largest manufacturers of packaged concrete in the United States and an innovative leader in the commercial building and home improvement industries. QUIKRETE® products are manufactured and bagged in 86 manufacturing facilities in the United States, Canada, Puerto Rico and South America, allowing for unsurpassed distribution and product depth. The QUIKRETE® Technical Center ensures that professionals and consumers alike are provided with the most innovative and highest quality products available on the market. For additional information on The QUIKRETE® Companies or its products, please visit www.quikrete.com or call (800) 282-5828.

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