

STEEL-CRETE™ Modified Ceramic Cement

Technical Data & Application Instructions

Product Description & Use

STEEL-CRETE is a light weight high compression strength all-purpose repair compound with excellent bonding properties when applied correctly. **STEEL-CRETE** can be applied smooth or can be stiffened for texture and vertical applications. **STEEL-CRETE** dries to a firm and durable surface in many cases stronger than the original sub straight.

STEEL-CRETE can be floated over badly damaged asphalt to greatly extend the life of the surface at a fraction of the cost of applying new asphalt. **STEEL-CRETE** can be used to patch cracks and holes in stucco, poured concrete, masonry block, tile pavers, cinder block, brick mortar wash and many other substrates. **STEEL-CRETE** makes an excellent light weight low spot repair on flat roofs prior to applying roof coatings and is very water resistant.

STEEL-CRETE is a single component material requiring only the addition of water available in 5 gallon pails or 35 and 50 pound bags. Using a clean pail or mixing container blend 5 parts **STEEL-CRETE** with 1 part clean water adding the water to the container first. Mix at low to moderate speed until creamy and reasonably stiff as if it were whipped butter. Using a trowel, putty knife or straight edge, float over the damaged surface or crack until depressions are filled completely. When repairing asphalt pavement several applications should be used to build surfaces up 1/4 to 3/8 inch. Remove any excess and clean up with water as soon as possible.

Be careful not to allow wind or very hot concrete to draw excess water of the product or strengths can be compromised. **STEEL-CRETE** will be hard enough to walk on within 24 hours with strength maximizing in 30 to 60 days. See Precautions and Limitations for added information.

Product Properties

Dry time @70°F approximately 3 hours. Recoat in 24 hours where appropriate

pH 9.0

Particle size 300 microns

Spread rate 120 to 150 sq. ft. per 5 gallon pail @ 3/16 of one inch thick

Color and form: grey powder

STEEL-CRETE does not contain calcium chloride

Precautions & Limitations

Closely examine surfaces to be repaired removing loose and deteriorated particles. Clean surfaces of bond-inhibiting materials including but not limited to oil, dust, dirt, laitance and standing water for best adhesion. Do not proceed with application until unsatisfactory conditions are corrected.

