

TECHNICAL DATA
RT-342 RAPIDCRETE

Micro-Silica Additive For Concrete

DESCRIPTION:

RT-342 RAPIDCRETE is a liquid, micro-silica based admixture to produce concrete that permanently bonds to existing concrete, is non-shrink and develops high-early strength.

USES:

RT-342 RAPIDCRETE is effective in permanently patching and overlaying damaged concrete. RT-342 RAPIDCRETE can be used for thin overlays or full depth pours. Concrete made with RT-342 RAPIDCRETE may be top coated with an ROCK-TRED coating after 24 to 48 hours depending upon mix design and temperature. This concrete also results in high early strength allowing most vehicular traffic four hours after curing. Specific uses for the RT-342 RAPIDCRETE are intended for bridge and highway surfaces, industrial plant floors, equipment supports, parking garage decks, wastewater treatment plants, chemical and petroleum secondary containment systems and pump bases, and many others. RT-342 RAPIDCRETE is for use only on unpainted, non-coated concrete that has been properly cleaned and prepared. RT-342 RAPIDCRETE Modified Concrete can be prepared in buckets, portable mixers, or batch trucks.

RATIOS AND INSTRUCTIONS:

NEW POURS: Add a minimum 4 gallons of RT-342 per yard of concrete in place of same amount of water. Mix for 100 revolutions and pour/finish normally.

PATCHING: mix cement/sand in 1:2.5 ratio. Presoak area to be patched for 30 minutes. Mix 7 parts water to 1 part RT-342. Do a bond coat by applying neat cement to patch area and wet with RT-342 water solution. Work thoroughly into concrete with a stiff brush. Do not allow to dry. Add sufficient RT-342 solution to produce desired consistency of concrete.

NON-SHRINK GROUT: Mix sand/ cement in a 1:2.5 ratio. Presoak area to be patched for 120 minutes. Mix 7 parts water to one part RT-342. Add sufficient RT-342 solution to produce a stiff grout or the desired consistency.

PACKAGING:

RT-342 RAPIDCRETE is sold in 5 gallon containers.

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PRODUCT USE / APPLICATION:

- Shake well before use.
- USE ONLY TYPE I OR III PORTLAND CEMENT.
- Do not incorporate additional water into the concrete to increase flow or ease of trowelling.
- After pour, immediately begin wet-curing using RT-342 with plastic or wet burlap.

CLEAN UP:

Be sure that all application tools and equipment (including cleaning buckets, mops, scrubbers, etc.) are thoroughly rinsed and cleaned using standard soap and water.

DISPOSAL:

Empty product containers will contain product residue and must be disposed of properly. Label warnings must be observed at all times. All containers must be disposed in accordance with federal, state, and local regulations.

STORAGE:

DO NOT allow **ROCK-TRED** products to freeze. All **ROCK-TRED** products should be properly stored above the floor on pallets or shelves, and in an area that has a constant minimum temperature of 50° F (10° C).

IMPORTANT NOTICE:

Always read and acquaint yourself with **ROCK-TRED'S** Product Data Sheet, MSDS [material safety data sheet], and product labels for each individual product prior to mixing and prior to use.

For technical assistance with this product, for additional information, or situations not covered in this data sheet, please feel free contact your local representative or contact **ROCK-TRED** directly.

WARRANTY:

Information about ROCK-TRED products is given, to the best of our knowledge, based on tests and experience. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you make your own tests to determine suitability of the product for the particular purpose. As products are often applied or used under conditions beyond our control, ROCK-TRED cannot guarantee anything except the quality of its products. ROCK-TRED warrants that the products meet the specifications set forth by ROCK-TRED, but we reserve the right to change any given specification prior to notice. ROCK-TRED DISCLAIMS ALL WARRANTIES RELATING TO THE PRODUCTS AND THEIR APPLICATION, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Receipt of a ROCK-TRED product constitutes acceptance of the terms of this limited warranty and the terms and conditions set out in our invoice, contrary provisions of buyer's purchase documents notwithstanding. Upon receipt of the merchandise, purchaser has 30 days to notify ROCK-TRED, in writing, that materials are defective. In the event ROCK-TRED finds that the product delivered is off specification, ROCK-TRED will, at its sole discretion, either replace the product(s) or refund the purchase price thereof, and ROCK-TRED's choice of one of these remedies is the buyer's sole remedy. In no event shall the liability of ROCK-TRED exceed the purchase price of shipped merchandise. Claims must be in writing. Claims after 30 days are void. ROCK-TRED will, under no circumstances, be liable for special, incidental, or consequential damages. This warranty supersedes all other guaranties, whether oral or written, and whether expressed, implied, or statutory. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Certain products may contain chemicals that may cause serious physical injury. Before using, please read the Material Safety Data Sheet and follow all precautions to prevent bodily harm.