ROCK TRED
POLYMER COATING SOLUTIONS
Defining Excellence Since 1939

PHYSICAL TESTING DATA

RT-342 RAPIDCRETE

Product 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.

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.

Physical Testing Information:

Freeze Thaw:	Average Durability Factor: 100.00% (ASTM C-666B) Average Cycles: 300.00%
Bond Strength:	4,422 PSI @ 28 days (ASTM C-862 MOD, 4,460 PSI @ 28 days ASTM C-1042)
Compression Strength:	4,570psi @ 1 day (ASTM C-39) 5300psi @ 14 days
Flexural Strength:	675 PSI @ 3 days (ASTM C-78) 830 PSI @ 7 days 1,030 PSI @ 28 days
Final Set:	3:33 (hrs/min) (ASTM C-403)
Non-Shrink Grout:	Shrinkage/Expansion 0.00% (CRD-C-621-89A)
Absorption:	Lower Absorption by 10.47% (ASTM C-642)
Specific Gravity:	Higher 5.94% (ASTM C-642)
Voids:	% Less: 8.25% (ASTM C-642)
Volatile Organic Compounds:	None

Meets government test CRD-C-621 (US Army Corps of Engineers)

Please review ROCK-TRED's Product Data Sheet and SDS for further information on this product. All physical testing information is from performance testing run on neat coats of the tested product unless otherwise indicated.