

## **RockHardscp® Ultra Lite Weight Grout Product Data Sheet**

**RockHardscp Ultra Lite Weight Grout** is a two component, high strength, 100% solids, thermosetting poly-matrix-oligomeric, vinyl ester compound used in the construction of precast manholes risers, grade-rings, wetwells, lift stations in sanitary sewer applications: floors, sumps, trenches, tanks, vessels and bleach towers in chemical processing and food & beverage plants; laboratories and pulp & paper plants.

**RockHardscp Ultra Lite Weight Grout** has excellent chemical resistance to mineral & organic acids, oxidizing bleach solutions and some organic solvents. **RockHardscp Ultra Lite Weight Grout** exhibits high physical properties and negligible shrinkage.

**RockHardscp Ultra Lite Weight Grout** carries the **U.S. Green Building Council LEED's** certification.

**RockHardscp Ultra Lite Weight Grout** displays the following outstanding features & benefits:

- High strength
- High impact resistance
- Superior resistance to a wide range of chemicals & oils
- Excellent trowel ability
- Fast setting & fast curing
- Good UV stability
- Pre-packaged mortar unit/kit
- Strong bond to polymer concrete, metals, Portland cement concrete, and fiberglass composites
- Low absorption and shrinkage

**RockHardscp Ultra Lite Weight Grout** can be used for mortaring and/or grouting applications which include:

- Manhole risers and other precast components

- Grade-rings
- Brick & tile
- Precast polymer concrete structures
- Precast concrete structures

**RockHardscp Ultra Lite Weight Grout** contains no Hazardous Air Pollutants (HAP), Volatile Organic Compounds (VOC), or Styrene. There are no reactive diluents which could interfere with the curing mechanism or which could cause material loss during or after cure.

**RockHardscp Ultra Lite Weight Grout** may be hand- mixed using a paint paddle. It is crucial to thoroughly mix catalyst (part B) into resin/filler (part A). **RockHardscp Ultra Lite Weight Grout** can also be mixed by using a portable electric drill and paddle. **Do not whip air into mix.**

### **Curing:**

For ambient temperatures between 55°F and 70°F (13°C and 21°C) completely thoroughly blend all packaged components during the mixing process.

Maximum cure times represent the amount of time required to produce ultimate compressive strength. Additional curing and higher strengths will be achieved over time.

**PLEASE NOTE: RockHardscp Ultra Lite Weight Grout** cure rates and trowel-ability is reduced at low temperature (below 55°F). All packaged components (resin/filler and catalyst) must be stored in ambient conditions, between 55°F and 70°F, for at least 24 hours prior to use. It is ideal to keep **RockHardscp Ultra Lite Weight Grout** materials in a dry and well-protected area until the job site is fully prepared for mixing and placement. Do not store materials in direct sunlight.



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### RockHardscp Ultra Lite Weight Grout TYPICAL PHYSICAL PROPERTIES

Compressive Strength:	6,000 psi
Flamespread Rating:	Class A (I)
Linear Shrinkage:	Not measurable
Pot Life:	30 minutes
Density:	50 lbs./cu.ft.
Shelf Life:	6 months (unopened)

### RockHardscp Ultra Lite Weight Grout Packaging: (Unit Sizes: .75 Gals & 4 Gals.)

#### **.75 Gallon Unit Consists of:**

Resin/Filler (Part A):	(1) / 5.75 lb. Pail
Catalyst (Part B):	(1) / .85 Fluid Ounces/Bottles

#### **4 Gallon Unit Consists of:**

Resin/Filler (Part A):	(1) / 26.4 lb. Pail
Catalyst (Part B):	(2) / 2.26 Fluid Ounces/Bottles

#### **Coverages:**

.75 Gallon Unit:	1" Thickness:	1.2 Square Feet/Unit
	½" Thickness:	2.4 Square Feet/Unit
4 Gallon Unit:	1" Thickness:	6.34 Square Feet/Unit
	½" Thickness:	12.48 Square Feet/Unit

*Before using read and follow the SDS guidelines precautions and first aid directions carefully.*

*Use this reference as a guide only. The information is believed to be reliable, but no guarantee is made nor do we assume liability in connection with its use.*

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