



Transportation
Sealants & Adhesives

TECHNICAL
DATA

RP-400[®] CONSTRUCTION

PLASTIC WET-DRY SURFACE ROOF CEMENT

1. PRODUCT NAME:

RP-400[®] Construction Wet-Dry
Surface Roof Cement

2. MANUFACTURER:

GEOCEL, LLC
P.O. Box 398
Elkhart, IN 46515 USA
Phone: (800) 348-7615
Fax: (800) 348-7009
www.geoceltransportationproducts.com

3. PRODUCT DESCRIPTION:

RP-400[®] Construction Plastic Wet-Dry Surface Roof Cement is a single-component, asbestos free, asphalt-based cement designed for many construction, roofing, manufacturing, and industrial applications.

Product Benefits:

- Use on wet or dry roof surfaces
- Formulated to seal quickly; will not pull apart or lose its bond
- Lever-lock lids on 3-gallon and 5-gallon pails for ease of resealing container and reduced waste
- Remains soft and pliable, and resists temperature change

Basic Uses:

- Ideal for patching and roof maintenance, sealing and repairing roof flashings and roof seams
- Shingle tab cement
- Seals vents, pipes, chimneys, and gutters
- Seals metal building seams

Adheres To: Asphalt, modified bitumen, and other common building substrates

Composition and Materials: RP-400 Roof Cement is an asphalt-based material containing no asbestos fiber and a special wet application additive. This formula produces a product that will bond to wet and dry surfaces.

Grade: Gunnable, trowelable consistency

Primer: Not required on most applications

Packaging: 10 fl. oz. cartridge,
1-gallon, 3-gallon lever-lock pail,
5-gallon lever-lock pail

Colors: Black

Limitations:

- Do not paint or thin
- Do not use with single-ply membranes such as EPDM, PVC, CSPE, etc.
- Product contains solvents that may craze some plastic materials
- Store at room temperature for 24 hours before use to improve ease of application

4. INSTALLATION:

Surface Preparation: For best results, remove dust, dirt, and loose materials with a stiff brush or broom. Remove old sealant or roof coatings. Surfaces must be clean.

Cure: 1 to 3 days

Service Temperature: -40° F to 150° F
(-40° C to 66° C)

Application Temperature: 0° F to 140° F
(-18° C to 60° C)

Application and Tooling: Apply with standard caulking gun, trowel, or putty knife, tooling into seams and cracks. Extend RP-400 Roof Cement coverage 3" to 4" beyond problem area to ensure seal. Apply at a rate of 1/8" per coat, not exceeding 1/4" in thickness. Geocel 1200 Poly Mesh Fabric or similar material is recommended for use in areas with movement such as cracks, seams, or flashing. Allow 24 hours to cure. Inspect and re-coat if necessary. When application is to take place at temperatures below 50°F (10°C), store RP-400 Roof Cement at room temperature for 24 hours prior to use for easier application.

Cleaning: Remove spilled or misapplied material from tools or other surfaces with mineral spirits or paint thinner. Observe manufacturer's precautions when using toxic or flammable solvents.

Storage Life: One year (unopened)

Warning: Harmful or fatal if swallowed. If swallowed, call a physician immediately. May be harmful if inhaled in an enclosed space. Use only in a well-ventilated area. Avoid prolonged skin contact. **KEEP OUT OF REACH OF CHILDREN.**

5. AVAILABILITY AND COST:

Marketed throughout the U.S., RP-400 is available from various distributors. Cost and further technical data are available from your local Geocel representative or from Geocel's corporate offices.

Note: Product produced after Dec. 31, 2010 may not be sold in the state of California.

6. LIMITED WARRANTY:

Geocel, LLC warrants that the product is manufactured according to their published standards. The company guarantees for 5 years from the date of manufacture that RP-400® Construction Wet-Dry Surface Roof Cement will not crack due to normal expansion and contraction and that it will not lose its adhesion or cohesion. Geocel, LLC will, at its option, either refund the purchase price of, or provide replacement for, that portion of the RP-400® Construction Wet-Dry Surface Roof Cement which fails to perform in accordance with this warranty. Such refund or replacement will constitute the limit of Geocel's liability and obligation for any such failure. Geocel, LLC will not be liable or obligated otherwise for any loss or damage arising directly or indirectly from this product, or the use or failure thereof, whether based on breach of warranty or negligence.

7. MAINTENANCE:

No maintenance should be required. If the sealant is damaged, either remove and reseal, or apply additional RP-400 Roof Cement over the damaged area.

8. TECHNICAL SERVICES:

Geocel representatives throughout the U.S. are available to provide technical assistance. Geocel's in-house technical staff and laboratory facilities are equipped to respond to specific requests for further information and/or applications testing.

**THEORETICAL YIELD
Per 10 fl. oz. Cartridge**

Joint Size	Linear Feet
1/4" x 1/4"	24.1
1/4" x 3/8"	16.0
1/4" x 1/2"	12.0
1/2" x 3/8"	8.4
1/2" x 1/2"	6.0

Per Pail

Sealant Thickness	Square Feet
1/8" - 1/4"	10 - 15 sq. ft./gal.

For additional product information, refer to the product spec sheet located at www.geoceltransportationproducts.com.