

Product BULLETIN



COOL ROOFS • GREEN ROOFS • NEW ROOFS • RETROFITS

ELASTO-DECK 6500_{RC}

COOL ROOF™ Reflective Coating

ADVANTAGES

- Monolithic Seamless Coating System
- No unpleasant Odors
- 100% Solids, Zero VOCs
- 100% Aliphatic
- Environmentally Sound
- Won't Peel in High Winds
- Cold Applied
- Durable to Extreme Weather Conditions
- Resists Hail Damage
- Excellent Chemical Resistance

BENEFITS + SAVINGS

- CRRC Cool Roof Listed
- EnergyStar® Listed
- U.S. Green Building Council
- Highest LEED™ Credits
- Top Tier Utility Rebates
- Retrofits 100% Tax Deductible†
- Warranty - 5, 10, and 10 + 5 Year
- Save up to 30% of HVAC costs
- Safe - No hot kettles
- No tear-off costs
- No waste disposal issues

COAT ANY SUBSTRATE*

- Asphalt
- BUR (Built-Up Roofs)
- Concrete
- Corrugated Roofs
- Metal Roofs
- Modified Bitumen
- Plywood
- Polyurethane Foam
- Previously Coated Roofs
- Single-Ply
- Smooth Surface Emulsion

(*Please consult with a Pacific Polymers technical consultant for specific instructions and methods for each substrate.

†When qualified as a maintenance and repair system.)

California Title 24 Compliant!



ELASTO-DECK 6500RC qualifies for U.S. Green Building Council LEED™ Credits and Top Tier Utility Rebates!



Dallas Fort Worth International Airport - **before**



Dallas Fort Worth International Airport - **after**



Pacific Polymers Roofing Division • 12271 Monarch St., Garden Grove, CA 92841 USA

Phone: 1-877-PAC-POLY (722-7659) • Fax: 714-898-5687 • <http://www.PacPolyRoofing.com>



PRODUCT DESCRIPTION

Composition:

Liquid applied, two component, flexible, low odor, polyurea roof coating.

Basic Uses:

For waterproofing new or existing roofs. Tough and durable for pedestrian foot traffic as well as hail and incremental weather.

Limitations:

All surfaces must be completely free of foreign matter and primed with **ELASTO-POXY PRIMER WB** (Zero VOC), where necessary.

ELASTO-DECK 6500 RC Roofcoat has a very short work life, so once it is mixed, the coating must be applied onto surface immediately.

Colors:

White, Concrete Grey, and Tan.

Custom matched colors are available with minimum required quantities.

Sizes:

Available in 4.5 gallon kits, 1.5 gallon kits, and 55 gallon drums.

INSTALLATION (*Please consult with a Pacific Polymers technical consultant for specific instructions and methods for each substrate.)

Surface Preparation:

All surfaces which are to receive **ELASTO-DECK 6500 RC** shall be free of contamination such as water, curing compounds, hardeners, bond breakers, paint, and other contaminants.

BUR Application

Loose granules must be removed, blisters repaired, large seams and voids caulked with compatible sealant. Power wash the entire surface clean with clean water and detergent. Allow to dry completely.

Foam Application:

The rigid polyurethane foam must be clean prior to applying **ELASTO-DECK 6500 RC**. Apply **ELASTO-DECK 6500 RC** after the polyurethane foam degassing period. If the foam cannot be coated immediately and it oxidizes, the surface must be mechanically sanded.

Application:

Mix the A-Component at 400-450 RPM (pigmented side) for 2-3 minutes using a jiffy mixing blade to evenly distribute the pigments that may have settled to the bottom of the container. Then pour "B" Component (clear side) into the "A" Component. Scrape the container to drain all the "B" Component into the "A" Component. Mix thoroughly using a jiffy mixing blade attached to a low speed drill to a uniform color without any streaks. Mix at 400-450 RPM for 2-3 minutes. Once mixed, immediately pour **ELASTO-DECK 6500 RC** onto the surface of the substrate. Use squeegee to evenly apply the material, then backroll using a roller to break air bubbles.

Note: Higher temperatures will reduce the work life.

ELASTO-DECK 6500 RC shall be applied to the primed concrete at the rate of 2 gallons per square. Following a 24 hour cure time, apply a second coat of **ELASTO-DECK 6500 RC** at the rate of 2 gallons per square foot, resulting in a minimum 60 dft. Allow a minimum of 72 hours cure time before allowing any heavy traffic on the finished system. *Additional coats may be required.

AVAILABILITY AND COST

ELASTO-DECK 6500 RC is supplied through certified building material dealers.

MAINTENANCE

If **ELASTO-DECK 6500 RC** is damaged, it can be repaired by cleaning the surface with Acetone and recoating it with **ELASTO-DECK 6500 RC**.

PRODUCT WARRANTIES

5 - 10 - 15 Year

All products proven to be defective in manufacture will be replaced at no charge. Since the use of these products is beyond our control we cannot accept damage in excess of the purchase price of these products.

TECHNICAL SERVICES

Technical assistance can be obtained by contacting:

PACIFIC POLYMERS ROOFING DIVISION

12271 Monarch Street
Garden Grove, CA 92841
(800) 722-7659
FAX (714) 898-5687

TECHNICAL DATA

PROPERTY	TEST METHOD	RESULTS
Cool Roof Rating (SRI / thermal emittance)	CRRC-1	0.89 / 0.89
Solar Reflectance (initial / long-term)	EnergyStar®	0.89 / 0.881
Pot Life at 77°F (25°C)		20 minutes
Cure Time at 77°F (25°C)		24 hours minimum
Viscosity at 77°F (25°C)	Brookfield Viscometer	35 ± 9 poise
Weight per gallon	A-Component	10.50 pounds
	B-Component	8.60 pounds
Percent Solids Content	ASTM D-2369	100%
Hardness (Shore A)	ASTM D-2240	80 ± 5
Tensile Strength	ASTM D-2370	2427 psi ± 10%
Percent Elongation (initial / long-term)	ASTM D-2370	910% / 590%
Adhesive Peel Strength on Primed Concrete	ASTM D-903	35 pli cohesive failure
Water Absorption	ASTM D-471	1.2% by weight
Moisture Vapor Transmission	ASTM E-96	3.9 perms
Abrasion Resistance	ASTM D-4060	2 mg. wt. loss
30 dry mil film on 4"x4" metal, C-17 wheel, 1000 rev., 1000 gr. weight		
Tear Resistance	ASTM D-624	280 pli ± 10%
V.O.C. Content		0 grams/litre
U.V. Stability	Q Panel Weather-O-Meter	2000 hrs. No discoloration
		No physical damages
Shelf Life		6 months
(when stored indoors in cool and dry location at 77°F (25°C) in unopened containers)		