



CoverCoat 840 CP

Elastomeric copolymer liquid rubber waterproof coating

Product Description

CoverCoat 840 CP is an UV resistant, single component elastomeric coating specifically developed to waterproof and protect roofs, slabs, decks and walls. The product will bond to most common roof substrates such as concrete, wood, metal, modified, EPDM, TPO and Hypalon.

Features

- Waterproof
- Withstands ponded water
- UV resistant and Color stable
- Crack bridging
- Chemical resistant
- Can be used in immersed service
- Anti rust
- Resists mold and mildew

Main Uses

- Roof restoration
- Balconies
- Planter boxes
- Recoating EPDM, TPO, PVC and Hypalon
- Concrete decks and slabs
- Secondary containment
- Elevator shafts
- Fountains
- Walls
- Pipes and Gutters

Color

White and Black standard
Custom colors available.

Coverage

100ft² per gallon at 16 wet mils thickness. 1 liter per m² at 1mm wet mils thickness.

Packaging

5 gallon (19 liter) pails.

Shelf Life

1 year when stored below 77°F (25°C) under shade in a dry environment.

Test Data

Property	Typical Results
Shore Hardness (ASTM D2240)	60A
Tensile strength (ASTM D412)	1000 psi (18MPa)
Elongation (ASTM D412)	500%
Flammability UL	Class A
Solar reflectivity (Energy Star)	Complies
Low temperature flexibility (ASTM 413)	Excellent
Fungus and mildew resistance (ASTM D3273)	No growth passed
Accelerated weathering and UV resistance (ASTM G53)	5000 hours
Water absorption (ASTM E96)	13 perms

Application Properties

Application temperature	50 to 95°F (10 to 35°C)
Tack Free Time	60 minutes at 75°F (24°C) and 50% RH
Initial cure (accepts foot traffic)	24 hours at 75°F (24°C)
Recoat time	24 hours at 75°F (24°C)
Full cure	48 hours at 75°F (24°C)

Compliance

Underwriters Laboratories, Inc., Tested And Certified For Class A
Energy Star Approved (white)

Surface Preparation

Concrete

Concrete must be at least 28 days old and structurally sound (ASTM D4541, >200psi and dry (ASTM D4263, <5%). It must have a water vapor transmission of less than 3lbs/24hr/1000ft². The concrete surface should be prepared by abrasive or hydro blast to a minimum of CSP3 as defined in ICRI Guide 03732. Fill all pock marks and cracks with CoverBond PF160. Prime prepared surface using CoverShield Primer WB (see separate datasheet).

Metal Roofs

Prepare metal surfaces by dry abrasive blast to remove all contaminants and rust to achieve an SSPC-SP10/NACE No 2 (0.003") profile. Check and caulk all fasteners; tighten or replace as necessary. Provide cants to prevent standing water. Bridge any holes with CoverFlex SuperTack Tape and seal any gaps with CoverFlex J55 NS caulk or CoverCoat CP840 Mastic. Prime prepared surface using CoverShield Primer M.

Built-up Roofs

Remove any gravel and spud the roof smooth. Repair blisters and cracks using CoverFlex SuperTack Tape or CoverFlex Mesh.

Wood Surfaces

Reinforce seams using CoverFlex SuperTack Tape or CoverFlex Mesh. Prime using Prime HS.

Mixing

Mix thoroughly with a low-speed drill and clean mixing blade for a minimum of 2 minutes. Mix slowly to minimize the vortex and to prevent trapping air in the product. Keep the lid on the container once mixing is complete to extend the pot life of the product.

Application

Apply CoverCoat 840 CP by brush, 3/8" nap mohair roller or airless spray. Too thick of an application may result in solvent entrapment or rumpling of substrates such as EPDM. Apply at 16 mils (0.4mm) in a single application. Topcoats should be applied after the base coat has 24 hours minimum cure.

Clean Up

Clean up using acetone. Cured material can only be removed by mechanical means.

Limitations

Do not apply in rain or wet conditions.
Do not apply at temperatures below 40°F (4°C).
Do not apply at temperatures above 100°F (66°C) or within 5°F (3°C) of the dew point.
Allow adequate drying time between coats
Do not apply directly to EPS without testing to determine suitability
Avoid skin contact.
Do not discard into the water system.

Health and Safety

Before using this product consult the Material Safety Data Sheet (MSDS). The MSDS can be obtained at www.covertecproducts.com

Limited Warranty

This product is warranted to be of good quality and that it complies with the properties shown in its current datasheet. CoverTec will replace or, at our election, refund the purchase price of the product if proven defective when used according to the instructions in the current datasheet. Any suspected defect must be reported to CoverTec in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. CoverTec Products LLC, **makes no warranty as to the merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties express or implied and explicitly excludes liability for consequential damages, down time, or delay.**