

ACRYLIA

U L T R A

High Tensile High-Build Quick-Set Elastomeric Roof Coating

Acrylia Ultra is designed as a protective membrane for most roofing surfaces including galvanized metal, concrete, PVC, Hypalon, EPDM, polyurethane foam, and primed smooth and granulated asphaltic surfaces. Ask your **Cover Coatings** Rep for primer recommendations.

PROPERTY	TEST METHOD	RESULT
Volume Solids	ASTM D-1653	55.0 +/-2%
Weight Solids	ASTM D-1644	66.0 +/-2%
Tensile Strength	ASTM D-2370	500 +/- 50 PSI
Elongation	ASTM D-2370	600 +/-50%
Permeability	ASTM D-1653	14 +/-3
Tear Resistance	ASTM D-624	133 +/-3 PSI
VOC	EPA Method 24	< 50g Liter
Low Temperature Flexibility	-15, 1/2" mandrel, 1000 hrs weathering	PASS
Hardness (Shore A)	ASTM D-2240	50 - 55
Reflectivity	ASTM C-1549	87%
Emittance	ASTM C-1371	0.90
SRI	Calculated	107
Viscosity		110 +/- 10KU
Density		11.1 lbs per Gallon
Flashpoint		NONE
Shelf Life	When stored below 40F and 70F	24 Months (Unopened)
Clean Up		Water

Meets ASTM D6083 requirements. UL Class A fire rated. California Energy Commission Title 24 qualified. Meets California SCAQMD requirements for VOCs.

Available color: white.

Sizes: 55 Gal (208.2 L) and drum and 5 Gal pail (18.9 L)

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- ❖ High Build can be applied up to 50 wet mils in one coat.
- ❖ Quick-set technology allows the coating to handle rain in as little as 30 minutes after application.
- ❖ Sag-resistant technology allows 50 mils to hang on even vertical surfaces.
- ❖ Highest performance, plasticizer-free, single component, water-based, 100% acrylic elastomeric coating for spray brush or roller application.
- ❖ Industry-leading tensile and elongation properties contribute to an extremely durable and long-lasting membrane with exceptional resistance to weathering.
- ❖ Formulated utilizing special pigments and biocides to provide maximum UV resistance along with a polymer technology that sets the standard for roof coating resistance to discoloration from dirt accumulation.
- ❖ Has excellent adhesion to most surfaces including metal, most single-ply roofs, wood, and concrete.
- ❖ Has the unique ability to “breathe,” providing a completely watertight membrane while also allowing trapped moisture to escape.



SURFACE PREPARATION

General: Surfaces to be coated should be dry, free of dust, dirt, oil, loose granules, gravel, peeling coating, and other foreign matter. All wet insulation or foam should be removed and replaced with like materials.

For optimal results, power wash all surfaces with a minimum of 2000 psi using a wide fan tip. All necessary precautions should be taken to avoid damage to the roof system. Mildew should be treated with a bleach solution (1 part bleach, 2 parts water) and rinsed thoroughly. Patch and repair cracks or holes with appropriate sealants or caulking materials.

Masonry: Allow fresh masonry to cure for a minimum of 30 days and prime*.

Metal: Rusty metal must be cleaned with a wire brush and primed*.

EPDM: Treat with primer/cleaner* and ensure no primer residue remains.

PVC, Hypalon, aged TPO: Prime*.

Polyurethane foam: Apply directly (must be coated within 24 hours of installation).

Granulated Asphalt: Use qualified base coat*.

Smooth Asphalt: Use qualified base coat*.

Other: For other substrates, ask your Cover Coatings Rep.

* Consult with your Cover Coatings Rep for guidance.

APPLICATION

This product may be brushed rolled or sprayed on a clean, dry surface. For details, see *Equipment*. Before applying any additional coat, the previous coat must be completely dry and cured. If any contamination is present on the cured surface, it must be washed and completely dry before the application of subsequent coats.

APPLICATION	PROPERTIES
Yield (1 gallon to 100 sq ft)	8.8 dry mils
Dry Time (75 F)	90 minutes @ 50% humidity
Redcoat Window	> 6 hours
Complete Cure	30 Days

PONDED WATER

- ❖ Cover Coatings warranties do not cover damage due to ponding water.
- ❖ The National Roofing Contractors Association considers ponding water on any roof unacceptable. (See the NRCA Roofing and Waterproofing Manual).

LIMITATIONS

The surface must be clean and dry. Application is not recommended on roofs with slopes less than 1/8 in 12 or where ponded water is present. Do not apply over wet substrates or when inclement weather is imminent. Complete cure of Cover Coatings *Acrylia Ultra* requires complete evaporation of water. Cool temperatures and high humidity retard cure. In addition, this product is not recommended for use without a vapor barrier in cryogenic tank or cold storage roofing applications. It is not intended for use as a thermal barrier.

SAFE PRACTICES

This product is designed for professional installation. Before working with this product, you must read and become familiar with the available information on its risks, proper use, and handling. Information sources include but are not limited to MSDS and product labels. More resources are available at polyurethane.org, sprayfoam.org, CoverCoatings.com, or by contacting Cover Coatings directly.

EQUIPMENT

Minimum requirements:

BRUSH: Synthetic filament

ROLLER: 1/4' nam roller

SPRAY:

- ❖ 30:1 fluid-to-air ratio capable pump
- ❖ 2 1/2 gallons or more per minute (continuous)
- ❖ Filter screen 30 mesh or larger
- ❖ Hose rated to 2x maximum pump pressure
- ❖ Hose lining should be compatible with coating and required cleanout materials
- ❖ Hose lengths: (Largest diameter at pump)
 - 3/8 minimum 6 ft whip
 - 3/8 minimum I.D. up to 75 feet
 - 1/2 minimum I.D. up to 200 feet
 - 3/4 minimum I.D. over 200 feet
- ❖ Spray gun: Graco Hydra Mastic or equivalent
- ❖ Spray Tip:
 - Reversible self-cleaning type
 - Orifice size of .027 to .039
 - Fan angle of 40° to 50°
- ❖ Always use components rated for pump pressures

To the best of our knowledge, all technical data contained herein is true and accurate as of the date of issuance and subject to change without prior notice. Users must contact Cover Coatings to verify correctness before specifying or ordering. We guarantee our products to conform to the quality control standards established by Cover Coatings. We assume no responsibility for coverage, performance, or injuries resulting from use. Liability if any, is limited to the replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY COVER COATINGS EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.