

A·R·C·HITECTURAL[®]

ROOF COATINGS



MADE IN  THE USA

● **PRODUCT DATA SHEET**

LIQUID TPO[®] BIO COAT

DESCRIPTION

Liquid TPO[®] BIO Coat is a proprietary blend of polymers. Liquid TPO[®] BIO Coat flashes leaving a non-breathing, heat-reducing, monolithic coating. It forms a water-repellent surface that easily cleans while resisting microorganisms. Performs under standing water better than all water-based coatings. A sustainable cool roof coating.

RECOMMENDED USES

This product may be applied over most roofing materials such as metal, PVC, TPO, EPDM, Hypalon, BUR, Modified Asphalt Membranes, Single-Plies, concrete, and etc.

APPLICATION

Roof Insulation and roof surface to be coated must be clean and dry. If necessary, remove all dirt, grease, loose debris, residue, and change out wet insulation before applying. **Do NOT apply over moisture in or on roof deck.** Liquid TPO[®] BIO Coat may be applied with a roller, squeegee, brush or sprayer. Apply at the rate of 1-2 gallons per 100 square feet per pass, depending on the warranty level desired. When applying to thermoplastics, concrete or other masonry surfaces, use a recommended primer. Apply evenly at a surface temperature of 35° F or greater.

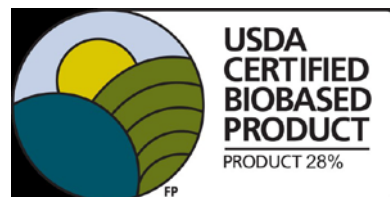
BENEFITS

Energy Savings	Cleans Easily
Freeze Resistant	Waterproofs
Can Be Tinted	Flexible
Prevents Rust	USDA Listed Biopreferred
Nano-processed	

TECHNICAL DATA

TENSILE:	1700 psi ASTM D-2370
ELONGATION:	500 % ASTM D-2370
EMITTANCE:	.90 ASTM C-1371
REFLECTANCE:	.83% ASTM C-1549
COLOR:	White (<i>can be tinted - special order</i>)
PERMEABILITY:	Non-breathing ASTM D-1653
SOLIDS:	Weight 67% +/- 5% ASTM D-1353
SOLIDS:	Volume 58% +/- 5% ASTM D-2697
WEIGHT:	11.7 lbs. per gallon +/- 5%
VISCOSITY:	6,000 to 10,000 cps.
ABRASION:	Passed ASTM D-986
HARDNESS:	55 Shore A ASTM D-2240
STORAGE:	3 years unopened between 40° F - 100° F
DRY TIME:	1 hr. at 75° F and a thickness of 12 wet mils
FULL CURE:	24 - 72 hours depending on humidity, air movement, and temperature
CLEAN-UP:	Liquid TPO [®] BIO Cleaning Solvent for oil-based products
ADHESION:	Passed ASTM D-3359
PIGMENT:	Titanium
VOC:	<520 grams per liter

Avoid breathing fumes and prolonged contact with skin. Do not ingest. Keep containers covered when not in use. When using, provide proper ventilation. Dispose of product and container in accordance with local disposal codes.



System warranty available. When sold separate from system there is no warranty given, expressed or implied, through the values or statements made here, nor are there any assertions that the product purchased has been individually tested to conform to these standards. Testing is performed on a random basis by our in house and independent third party labs in order to obtain approval and/or classification. Acceptance, purchase and selection of these products are the sole responsibility of the buyer, buyer's agent, or the buyer's customer. ARC assumes no responsibility for coverage, performance, or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER GUARANTY OR WARRANTY OF ANY KIND IS MADE BY ACE ROOF COATINGS, INC. OR ITS SUBSIDIARIES, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING COSMETIC APPEARANCE, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.