



DuroPro Engineered Products

# DuroPro U-Finish

TOP COAT, LIQUID POLYUREA-URETHANE, MULTI-PURPOSE

## FEATURES & BENEFITS

DuroPro U-Finish is extremely durable and will reduce surface temperature of your roof. Can be used for patch repairs and combined with reinforced fabric. Will additionally reduce temperatures inside buildings relieving stress on your heating, ventilation, and air conditioning system. Combined with our DuroPro U-Base, you will be saving money and extending your roof with our eco-friendly products. Easy to use and quick while saving on labor costs.

## DIRECTION OF USE

### *Typical Uses*

DuroPro U-Finish is formulated for application on concrete roof systems, single-ply, aged or cured spray polyurethane foam, built-up roofs and modified bitumen as part of a repair program, maintenance or a complete cool roof restoration system. DuroPro products are to be used and applied with our guidelines and specifications.

### *Mixing*

Review Guide Specifications, instructions, SDS, labels, technical data sheets and system sheets before mixing and applying. Mix 55 gallon (208.2 liters) drums and 5 gallon (18.93 liters) pails with a variable speed drill utilizing a jiffy mixer to suspend any settled pigments until uniform color and consistency is achieved. Mixing time will vary based on temperature and atmospheric conditions.

### *Application*

Perform an adhesion test (ASTM D-903) prior to coating any surface to ensure coating will adhere. Coating may be applied by airless spray equipment (see Spray Application Guide), roller or brush. Do not apply when precipitation is in the forecast within 48 hours or when temperatures are below 40° F (4.4° C). Spray application is not recommended below 50° F (10° C). Apply walkway pads for protection and slip resistance in areas where roof is subject to foot traffic.



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## DIRECTION OF USE

### ***Storage and Handling***

Store in cool, dry place away from heat, open flame, sparks and moisture. Keep containers closed. Store materials above 65° F (18° C). Open containers should be blanketed with dry nitrogen before resealing. Shelf life is 8 months.

Review the Safety Data Sheets (SDS) and container labels for detailed safety and health information. Product intended for industrial use by properly trained professional applicators only.

## SAFETY & PRECAUTIONS

### ***Vapor Inhalation***

Fresh air supply is the best form of protection against organic solvents or potentially sensitizing vapors in the workplace. Fresh air masks are available from numerous manufacturers including MSA and 3M. We recommend use of NIOSH/MSHA approved self-contained breathing apparatus with a full-face piece operated in a positive pressure mode for maximum protection. Type C organic vapor cartridge respirators are acceptable in well ventilated conditions.

### ***Skin Contact***

We recommend use of fabric coveralls and neoprene or other resistant gloves to prevent excessive skin contact.

### ***Eye Contact***

Use OSHA approved protective goggles or wear a full face mask.

### ***First Aid Consideration***

Vapor inhalation problems are characterized by coughing, shortness of breath and tightness in the chest. Those exhibiting these symptoms should be immediately removed from the workplace and administered oxygen or fresh air. SEEK MEDICAL ATTENTION IMMEDIATELY if condition is extreme or prolonged. Overexposure to vapor is characterized by dizziness, nausea, headache, nasal and respiratory irritation, possible asphyxiation, or unconsciousness. If the victim has ingested the product, but is conscious, give large amounts of water or mild to drink. Obtain medical attention immediately. Skin contact can result in irritation and rash, wash affected area with water, then wipe liquid from skin with clean cloth followed by wiping the area with 30% solution of rubbing alcohol. Wash with soap and water. Eye contact can result in cornea burns, flush eye with water for extended period of time, see physician for medically trained attention.

vary depending on application methodologies, raw materials and other factors.



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## TECHNICAL DATA

<b>Coverage Rate</b>	1 gal/100 sqft / 0.41 l/sqm
<b>Tensile Strength</b>	3000 ± 300psi / 24.1 ± 2.1MPa
<b>Tensile Elongation</b>	350 ± 50%
<b>Tear Resistance</b>	300 ± 25pli / 52.5 ± 8.8kN/m
<b>Hardness ASTM D-2240</b>	90 ± 5 Shore A
<b>Specific Gravity</b>	1.28 ± 0.1
<b>Total Solids, by Weight</b>	80 ± 2%
<b>Total Solids, by Volume</b>	70 ± 2%
<b>Viscosity at 75°F</b>	3,500 - 1,000 cps
<b>VOC</b>	2.08 lb/gal / 250 gm/liters
<b>Wet Film Thickness, per Coat</b>	11 mils / 279 microns
<b>Color</b>	White (Custom colors available, please ask a DuroPro Representative)
<b>Packaging</b>	5 gallon pail (18.9 liters) / 55 gallon drum, net 50 gallons (189 liters)

\* This information is intended only as a guide for design purposes. The values shown are the average values obtained from sprayed laboratory samples. The test methods were performed per the ASTM Book of Standards. Higher or lower temperature & humidity conditions will affect dry time. The information contained herein is for purposes of identifying the product and does not constitute a warranty that the product will conform to that description. Product specifications and performance will