

PRODUCT MANUFACTURER

LINE-X LLC
301 James Record Rd, Ste 250
Huntsville, AL 35824
877-330-1331

GENERAL PRODUCT DESCRIPTION

PAXCON CU-970 is a two component, fast setting, fast curing, solvent free, flexible, high performance, and high solids polyurea elastomeric coating that can be applied to suitably prepared interior or exterior concrete, plywood, and metal surfaces. Due to its fast gel time, PAXCON CU-970 is suitable for applications in temperatures as low as 20°F (-6°C). It may be applied in a single or multiple application. PAXCON CU-970 is also relatively insensitive to moisture and temperature allowing applications in varied temperatures and humidity.

APPLICATION GUIDELINES

PAXCON CU-970 should be applied at a temperature of 20°F (-6°C) and above. For best results, use a squeegee or notched trowel. A phenolic resin core roller may be used but extra care should be taken not to trap air which may result in bubbles. Requires a continuous coating application to minimize lines and/or streaking. It is recommended to apply an aggregate of washed, dry, rounded sand, approximately 16 or 20 mesh (0.0331-0.0469 in.; 0.84-1.19 mm), 6.5+ Moh's minimum hardness at a rate of 20 lbs./100 sq. ft. or as required to achieve a slip-resistant finish, into the wet second coat, covering it completely. An aggregate of 14-30 rubber granules may be broadcast into the membrane at a rate of 10 lbs. per 100 sq. ft. or to refusal. The amount of rubber used will vary.

Mixing

NOTE: PAXCON CU-970 may not be diluted under any circumstances. Proportions are premeasured.

Using a mechanical mixer, first pre-mix separately Part-A and Part-B base material thoroughly to obtain a uniform color, making sure to scrape the solids from the bottom and sides of the pail. Pour Part-B into Part-A slowly and while mixing, scrape the sides of the container. Mix for 1-2 minutes or until Part A and Part B are mixed thoroughly and uniform color is obtained. Do not mix in an up and down motion.

Features

- Non-Gassing
- Re-coatable
- Can Be Applied at Any Thickness
- Seamless
- Good Thermal Stability
- Good Chemical Resistance
- Meets USDA Criteria

Excellent Low Temperature Flexibility
Interior and Exterior Applications.

Typical uses

- Vehicular Traffic Areas
- Sundecks & Balconies
- Crack Repairs
- Expansion Joints
- Stalls, Wash Racks
- Kennel Runs
- Exterior & Interior Pedestrian Traffic Surfaces such as Walkways, Patios and Stairways
- Interior Surfaces such as Floors and Mechanical Rooms

Packaging

5-gallon kit: One 5-gallon pail, net fill 4 gallons (15.12 liters) of Part-A and One 1 gallon (3.78 liters) can of Part-B.
1- gallon kit: One 1- gallon can, net fill 0.8 gallons (3 liters) of Part-A and One quart can, net fill 0.2 gallons (0.78 liters) of Part-B

Surface Preparation

Refer to general guidelines for complete information.

EQUIPMENT CLEAN UP

Equipment should be cleaned with an environmentally safe, polyurethane-grade solvent (alcohol free) as permitted under local regulations immediately after use.

MATERIAL STORAGE

PAXCON CU-970 has a shelf life of one (1) year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

Curing

At 75°F (24°C) and 50% relative humidity, allow each coat to cure for 2-4 hours before proceeding subsequent coats. Cure time will vary depending on temperature and humidity. If more than 48 hours passes between coats, please contact your Technical Representative for re-priming instructions.

Warning

This product contains Isocyanates and Curative Material.



PRODUCT DISCLAIMER

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones that may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and LINE-X makes no claim that these tests or any other tests accurately represent all environments

CHEMICAL TECHNICAL DATA

Mix Ratio by Volume	4A: 1B
Coverage Rate	1 gal/100 sq. ft.
Dry Film Thickness per Coat	15 ± 2 mils 381 ± 50 microns
Gel Time	30 mins at 77° 50% RH
Tack Free Time	4-6 HRS at 77° 50% RH
Hardness, ASTM D-2240	64 ± 2 Shore A
Tear Resistance, Die C, ASTM D-624	230 ± 25 pli 40.3 ± 4.4 kN/m
Split Tear, ASTM D-470	60 ± 5 pli 10.5 ± 0.9 kN/m
Tensile Strength, ASTM D-412	1500 ± 100 psi 10.3 ± 0.7 MPa
Ultimate Elongation, ASTM D-412	1000 ± 100%
Total Solids by Weight, ASTM D-2369	94%
Total Solids by Volume, ASTM D-2697	95%
Viscosity at 75°F (24°C)	
Side-A	2500 ± 500 cps
Side-B	100 ± 50 cps
Volatile Organic Compounds*	< 0.04 lb/gal
ASTM D-2369-81	< 5 gm/liter
* Contains some high boiling colorless plasticizers	