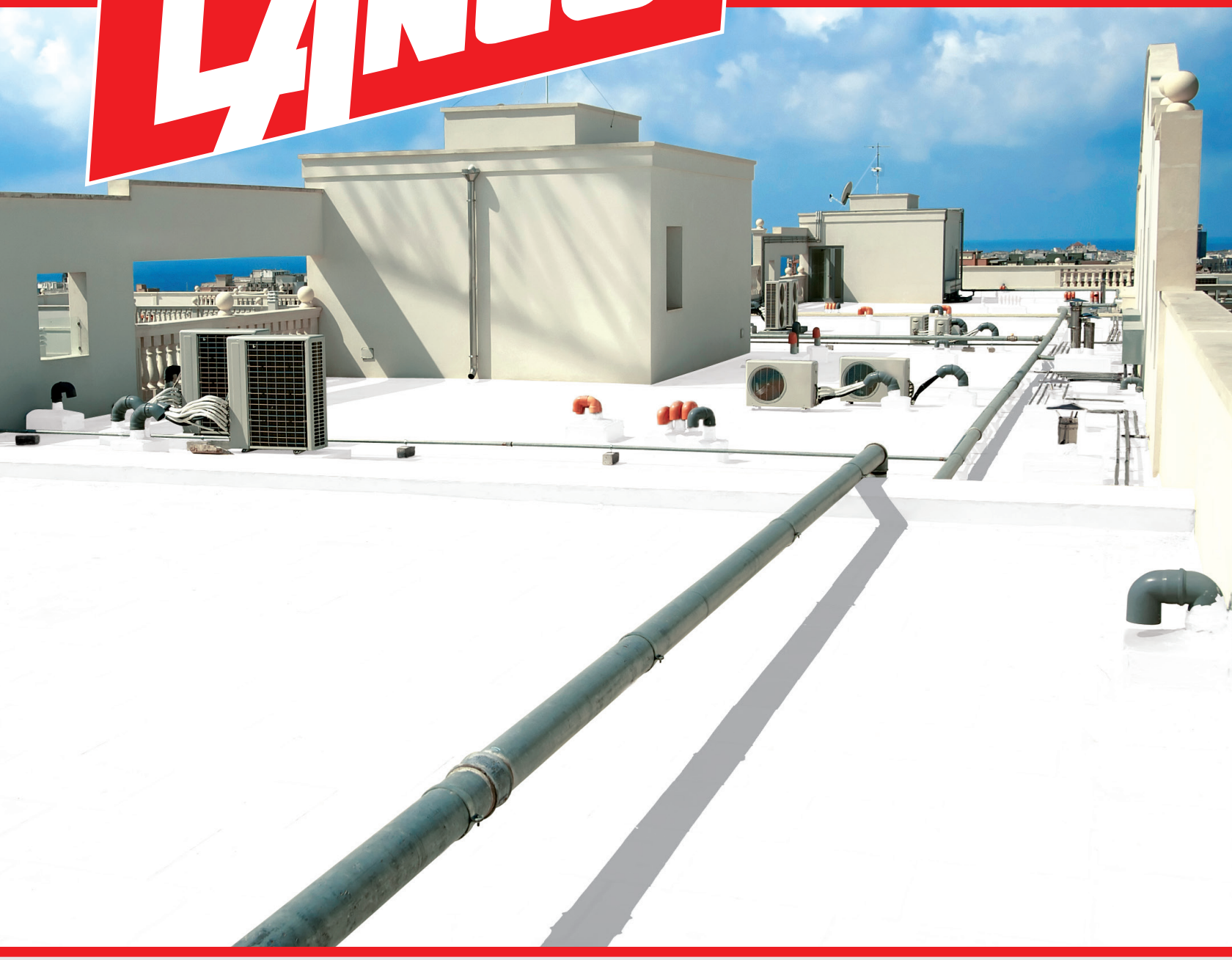
LANCO®

DIVISION 7



# Roofing & Waterproofing

## Solutions / Specifications

SAVES ENERGY: • 78% Sun Reflectivity / ASTM C 1549
• 90% Heat Emissivity / ASTM C 1371

ENERGY STAR

CRRC COOL ROOF RATING COUNCIL®

MIAMI-DADE COUNTY APPROVED

# Evershield™

## Para Techos Existentes con Baja Pendiente

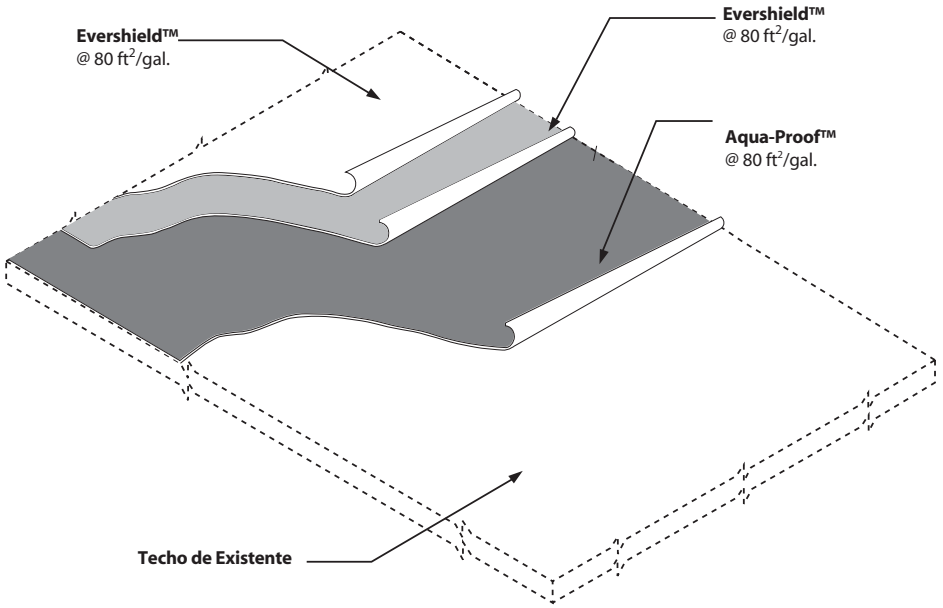
### Descripción del Sistema

La alternativa **LANCO®** para la restauración de techos es un sistema completo para ser instalado sobre cubiertas de baja pendiente existentes. La combinación de **Evershield™**, componente 100% poliuretano, con la membrana base de **Aqua-Proof ™** forma una capa monolítica, flexible, adherida a la superficie de la cubierta protegiéndola de infiltraciones de agua.

### Usos

El sistema completo de techado **Evershield™** esta diseñado para ser instalado sobre una amplia gama de substratos de techos estructuralmente sanos tales como:

- Cubiertas de techo en hormigón
- Membranas de asfalto
- Techos compuestos
- Espuma de poliuretano
- Techos de cubierta metálica
- Techos de cubierta en madera
- EPDM y de chapa sencilla




### COOL ROOF RATING COUNCIL LAB RESULTS

| | | | |
|---|---|---|---|
| **Solar Reflective Index - SRI** | | | |
| Initial | 104 | 3 Year | 89 |
| Solar Reflectance Thermal | | | |
| Initial | 0.83 | 3 Year | 0.72 |
| Thermal Emittance | | | |
| Initial | 0.89 | 3 Year | 0.90 |

### Descripción de Productos del Sistema

**Capa Superior: Evershield™ RC-947**
Es una membrana superior, ultra blanca, 100% poliuretano, altamente flexible y monolítica, para techos. Formulada para larga vida sobre techos de baja pendiente. Este producto es apropiado donde existe acumulación de agua sobre un techo por periodos extendidos.
Cobertura: 60-80 ft²/gal.

**Membrana de Base: Aqua-Proof™ MD-863**
Membrana liquida de látex a base de estireno butadieno que ofrece un sistema sencillo para múltiples usos. Esta membrana monolítica logra resultados excelentes como membrana base en sistemas de techado o como membrana única en sistemas soterrados.
Cobertura: 40-80 ft²/gal.

**Masilla: Siliconizer™ Crack Filler RC-230**
Masilla elastomérica, 100% estireno acrílico, de silicona modificada, diseñada para sellar permanentemente y cubrir grietas en superficies de hormigón, metal, asfalto y otras Puede utilizarse con tejidos de malla en fibra de vidrio, o tejido de poliéster para incrementar su fuerza y resistencia.

**Refuerzo: Polyester Fabric Mesh FM-222**
Tejido de poliéster de alta resistencia para utilizarse en conjunto con productos elastoméricos para sellado de techos y sistemas de techado en general.
Rollo: Tamaño 40" x 324'

### Preparación de Superficies

A. Asegurar la limpieza absoluta del substrato a ser tratado. Superficie deberá estar libre de aceites, grasas, polvo y tierra. Eliminar todo crecimiento de hongos y moho en la superficie con una solución 3:1 de agua y cloro. Enjuagar bien con agua limpia y permitir que se seque completamente.

B. Examinar superficie a ser tratada. No proceda con instalación hasta tanto no se haya verificado la adhesión del producto con parches de prueba y todo el preparativo de la superficie se haya llevado a cabo y deficiencias corregidas de una manera aprobada por **LANCO® Mfg. Corp**.

C. La superficie ha de estar completamente seca antes de instalación. Cualquier área con burbujas, ampollas, humedad o degradación alguna debe ser removida y reemplazada con espuma nueva.

D. Tapajuntas, juntas, grietas y solapamientos deberán estar limpias y secas para ser cubiertos con **Siliconizer™ Crack Filler RC-230** y malla de poliéster.

E. De surgir cualquier duda en cuanto a la compatibilidad de productos de aplicación líquida con el substrato existente, el instalador deberá llevar a cabo pruebas de parches para verificar adhesión y compatibilidad.

### Áreas de Acumulación de Agua

Áreas que acumulan agua por mas de 48 horas deben ser reparadas usando tubos de drenaje, imbornales, medidas correctivas o espuma de poliuretano para nivelar las superficies.

### Instalación

A. Previo a aplicación del producto, remueva todo sucio, polvo, tierra y otros contaminantes con cepillo o aire a presión.

B. Aplicar malla **Polyester Fabric Mesh FM-222** embadurnada con **Siliconizer™ Crack Filler RC-230** a todas las penetraciones de la cubierta del techo a ser tratado, incluyendo juntas, desagües, imbornales y quebrantos en la superficie.

C. Utilizar malla de poliéster empapada con **Aqua-Proof™ MD-863** como tapajuntas en todas las intersecciones del techo horizontal con muros o bordes, penetraciones de tuberías o miembros estructurales o con superficies adyacentes a un mínimo de 6" horizontales y 6" verticales según ilustración.

D. Cubrir toda la superficie del techo con una primera capa de membrana de base **Aqua-Proof™ MD-863** a razón de 80 ft²/gal. (20 mils seco) usando cantidad adecuada de producto y permitir que se seque por un periodo no menor de 24 horas.

E. Aplicar con rociador o rodillo una primera capa de **Evershield™ RC-947** a razón de 80 ft²/gal. (20 mils mojado) y permitir que seque por 24 horas.

F. Aplicar, con rociador o con rodillo, una segunda capa de **Evershield™ RC-947** a razón de 80 ft²/gal (20 mils mojado).

G. Verificar que el grosor del sistema completo y seco no sea menor de 30 mils.

H. Para mas información usar detalles de construcción según dibujos y especificaciones del fabricante sobre procedimiento de instalación.

### Material Warranty 10 YR

# COOL ROOF RATING COUNCIL
# NOTIFICATION OF PRODUCT RATING

**Notification Provided By:**
**Cool Roof Rating Council**
2435 N. Lombard St.
Portland, OR 97217

**Notification Provided To: Lanco Manufacturing Corp.** 5 Urb. Aponte,
San Lorenzo, PR 00754

| | | | |
|---|---|---|---|
| **Product Brand:** | **Lanco** | **Product Type:** | Coating |
| **Product Model:** | **Evershield / RC-947** | **Initial SRI:** | 104 |
| **Company:** | **Lanco Manufacturing Corp.** | **3 Year SRI:** | 89 |
| **Contact Name:** | Lisandro Quiñones | **Slope Types:** | Low, Steep |
| **Telephone:** | 787-736-4221 | **Color:** | Bright White |

| | Initial | Weathered |
|---|---|---|
| **Solar Reflectance** | **0.83** | **0.72** |
| **Thermal Emittance** | **0.89** | **0.90** |
| Rated Product ID Licensed Manufacturer | 1026-0009 | |
| | 1026 | |
| Classification | Standard Product | |

Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.

Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.

The Cool Roof Rating Council (CRRC), an ISO 17065 accredited organization, has reviewed the test results data provided by a CRRC-approved ISO 17025 testing laboratory and has determined this roofing product meets the requirements described in the ANSI/CRRC S100 Standard and the CRRC-1 Program Manual. This Notification of Rating is subject to all terms and conditions of the Licensee Agreement and the documents incorporated therein by reference. This document must be reproduced in its entirety.

The Notification of Rating certificate for the approved initial ratings is valid until an updated certificate is issued by the CRRC that includes the approved three-year aged ratings. The certificate with the approved three-year aged ratings is valid until either the CRRC or Licensee removes the product from the CRRC Rated Products Directory.

| Technical Reviewer | Application Reviewer | Management Approval | Date |
|---|---|---|---|
| | | | 12/19/2019 |

# NOTIFICATION OF ENERGY STAR® PRODUCT CERTIFICATION

| Certificate provided by: | Certificate provided to: |
|---|---|
| **Cool Roof Rating Council**<br>2435 N. Lombard St.<br>Portland, OR 97217 | **Lanco Manufacturing Corp.**<br>5 Urb. Aponte,<br>San Lorenzo, PR 00754 |

| | |
|---|---|
| **Partner's EPA-issued Organization ID #:** | **1041303** |
| **Partner Name:** | **Lanco Manufacturing Corp.** |
| **Product Brand Name:** | **Lanco** |
| **Product Model:** | **Evershield / RC-947** |
| CB Unique Model Identifier: | 003674 |
| ENERGY STAR Specification Version: | 3.0 |
| Initial Solar Reflectance: | 0.83 |
| Solar Reflectance After 3 Years: | 0.72 |
| Initial Emissivity: | 0.89 |
| Slope Types: | Low, Steep |

The Cool Roof Rating Council (CRRC), an ISO/IEC 17065 accredited EPA Certification Body, has reviewed the test results data provided by an EPA-certified testing laboratory and has determined that this roofing product meets the qualification criteria of ENERGY STAR's Program Requirements Product Specification for Roof Products.

This Notification of Product Certification is subject to all terms and conditions of the ENERGY STAR Partnership Agreement, ENERGY STAR Program Requirements for Roof Products: Partner Commitments and Eligibility (in accordance with the version that product is certified under), Evaluation Services-CRRC Agreement, and the Evaluation Services Certification Program Manual.

This Notice of Product Certification is only valid based on the certification status of the product. To determine if the product is actively certified please visit ENERGY STAR's Qualified Product List at: http://www.energystar.gov/productfinder/product/certified-roof-products/results

| Application Review | Management Approval | Date |
|---|---|---|
| Melissa Rissmann | | 12/19/2019 |

## EVERSHIELD ROOFING SYSTEM 10 YR WARRANTY LS-05

Specification for existing Low Slope Roofs

### SYSTEM DESCRIPTION

The LANCO Roofing System is a complete Roof System to install over existing low sloped roofs. The combination of the Evershield, a single component 100% polyurethane, with the Aqua-Proof base membrane forms a flexible monolithic roof membrane adhered to the roof surface protecting the structure from water infiltration.

**USES**

The Complete Evershield Roofing System is design to install over a wide assortment of roofing substrates that are structurally sound such as:

- Concrete Roof Decks
- Asphalt membranes
- Built Up Roofs
- Polyurethane Foam
- Metal Roof Decks
- Wood Roof Decks
- EPDM & Single Ply
- Asphalt Shingles

### SYSTEM PROD. DESCRIPTION

**Evershield Top Membrane RC-947**

Is a 100% ultra white Polyurethane, highly flexible and monolithic top roofing membrane. Manufactured for a long lasting expectative, on low slope roofing applications. This product is also suitable for those areas where water is pond on a roof for long period of time. Coverage: 60 to 80 sq.ft./gal.

**Aqua-Proof Base Membrane MD-863**

Is a liquid styrene butadiene latex membrane that offers a simple method for many waterproofing applications. This monolithic base membrane performs well when applied as a base membrane over modified asphalt membranes.
Coverage: 180-200 sq.ft./ gal.

**Siliconizer Crack Filler RC-200**

Is a 100% white elastomeric mastic, manufactured of a modified blend and design to permanently seal and bridge any crack on concrete surface, metal, asphalt, etc. Can be use to embed fiberglass mesh or polyester fabric to increase its strength capabilities.

**Concrete Adhesive Admixture CB-9000**

Is a 100% acrylic polymer designed for use as a concrete bonding agent and admixture for cement-based materials and mixes to improve adhesion, cohesion, tensile, compressive, flexural strengths and mechanical properties, used to fill voids, depressions or ponded areas on concrete decks.

**Fiber Glass Mesh FM-996**

Is a high performance fiberglass mesh for use in elastomeric roof coatings and general roofing system.
Roll Size: 4" x 150' per roll.

**Polyester Mesh FM-222**

Is a high performance polyester fabric for use in elastomeric roof coatings and general roofing system.
Roll Size: 40" x 324' per roll.

### Surface Preparation:

Make certain the roof substrate is thoroughly clean.
Surface shall be cleaned of all oil, grease and dirt. Kill and remove all mildew or fungus growth on the substrate with a mix of water and chlorine at 3:1 ratio. Flush with clean water and let dry completely.
Examine substrate to receive new roofing. Do not proceed with new roofing system until adhesion has been verified by tests patches, other preparatory work has been completed and unsatisfactory conditions have been corrected in a manner acceptable to LANCO Mfg. Corp.
Any area where existing material is blistered, buckled, degraded and/or wet must be removed and re-foamed using similar system.
Joints, cracks, overlaps, seams and flashings shall be clean and dry to be filled with LANCO Elastomeric Crack Filler RC-230 and the fiberglass mesh.
If any questions arise regarding the compatibility of Fluid-Applied products with an existing substrate, installer shall prepare test patches to check adhesion and compatibility.

### Water-Ponding Areas

Areas where water lasts 48 hours or more must be repaired using roof drains or other corrective measures. If level corrections needs to be made use a mix of cement and sand with CB-9000 Concrete Admixture at a mix rate of 1:1 with water, to obtain maximum properties and adhesion. See Lanco Concrete Admixture CB-9000 for application procedures.

### Application:

Just prior to application remove all dust, dirt and other contaminants by brushing, or power blowing.
Treat and seal all roof cracks, splits or other using fiberglass mesh embedded with Siliconizer Crack Filler.
Flash and seal all drains, pipes and other penetrations with polyester fabric embed in Aqua-Proof with a min. 6" around d or over horizontal roof and 6" min. up as details.
Coat entire roof deck and parapets with a first coat of LANCO Aqua-Proof Rubber Base Membrane MD-863 at a rate of 400 sq.ft. per 5 gallon pail (20 wet mils) to the prepared area, use enough material and allow to dry for 24 hours.
Spray apply or roll a first coat of LANCO Evershield Roofing Membrane at a rate of 400 sq.ft. per 5 gallon pail (20 wet mils) and let dry for 24 hours.
Spray apply or roll the second coat of LANCO Evershield Roofing Membrane at a rate of 400 sq.ft. per 5 gallon pail (20 wet mils).
Verify that total system thickness shall be 30 dry mils.
For more information use construction and drawings details from manufacturer specifications and installation procedures.

### Material Warranty 10YR

Areas

TECHNICAL DATA SHEET

# Evershield™ RC-947

## Polyurethane Acrylic Roofing Membrane

### Description:

**Evershield™** is a 100% acrylic + polyurethane blend of high performance components, urethane ceramic rubberized elastomeric roof and wall membrane sealer. A highly durable, fiber reinforced roof coating with superior adhesion properties. Evershield™ will not crack, crumble or peel off, withstanding severe weather and total joint movements. It will provide a seamless, waterproof and weather protective seal tightly adhered to the roof surface.

### Meets Requirements for

| | |
|---|---|
| ASTM D 6083: | Yes |
| Energy Star: | Yes |
| Miami-Dade County: | Yes |
| Cool Roof Rating Council CRRC | Yes |
| VOC Compliant (<50 g/L): | Yes |
| SCAQMD: | Passes |
| AIM & OTC: | Passes |

### Product Advantages:

- 100% Acrylic + polyurethane
- Fibers reinforced for a high tensile strength
- Excellent wind uplift resistance
- Excellent dirt pick-up resistance
- Low V.O.C.,volatile organic compound, and non-flammable

### Performance:

| | | | |
|---|---|---|---|
| Tensile Strength<br>ASTM D 2370 | 304 PSI | | |
| Elongation<br>ASTM D 2370 | 185% | | |
| **Solar Reflective Index - SRI** | | | |
| Initial | 104 | 3 Year | 89 |
| Solar Reflectance Thermal | | | |
| Initial | 0.83 | 3 Year | 0.72 |
| Thermal Emittance | | | |
| Initial | 0.89 | 3 Year | 0.90 |

### Uses:

Evershield™ has proven its outstanding properties during adhesion-in-peel testing, exceeding every standard as per ASTM C794 specifications over a variety of substrates like modified asphalt membranes, built-up roofs, polyurethane foam, concrete surfaces, aged galvanized metal, bonded tar and granulated shingles.

### Technical Data:

| | |
|---|---|
| Product Type: | 100% Acrylic and Polyurethane |
| Finish: | Flat (5° - 10°)<br>*Geometry 60° |
| Solids (%): | 65.4 ± 1% by weight<br>54.0 ± 1% by volume |
| Weight/Gallon: | 11.43 ± 0.05lbs.<br>( 5.18 ± 0.02kg.) |
| Color: | Applies blue and dries Ultra White |
| Drying Time:<br>ASTM D1640 | To touch: 60 min<br>To recoat: 24 hrs |
| Coverage: | |
| On Concrete: | 80 ft.²/gal.<br>(4.65 m²/gal.) @<br>10.8 dry mils, 20 wet mils |
| On Metal: | 100 ft.²/gal.<br>(9.3 m²/gal.) @<br>8.6 dry mils, 16 wet mils |
| Can Sizes: | 5 gallons<br>1 gallon |
| Thinning: | Is not recommended |
| Flash Point: | Non-flammable |
| Viscosity: | 120 - 125 KU's |
| Percent Pigment by Weight: | 38 ± 2% |
| VOC: | <50 g/L |

Notice: The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.

S.D.S.: Available upon request.

### Energy Saving:

Evershield™ is an Energy Star certified roof coating that will provide an energy efficient structure for many years, dramatically lowering internal temperature, thus requiring less energy consumption for cooling.

### Surface Preparation:

Make certain the roof substrate is thoroughly clean and dry. Remove all debris and old loose coatings by means of high-pressure water blasting, scraping or wire brushing. Any existing mildew on the surface must be completely killed and removed prior to the application of this product. Scrub mildewed surface with a mixture of 1 quart of household bleach with 3 quarts of warm water. Rinse completely and let dry. Surface should not accumulate water for more than 48 hours.
Coat entire roof deck with Acrylic Primer Sealer AS-210, at a rate of 250 ft.²/gal., if necessary. This surface primer is specially designed to penetrate concrete, seal surface porosity and waterproof roof decks.



continued on back

## Surface Application Recommendations:

When used as a stand-alone product, apply the first coat by pouring liquid Evershield™ RC-947 onto roof and spreading it at a rate of 80 sq.ft./gal. Avoid going twice over the same area. Allow 24 hours before applying subsequent coats.

When used in combination with Polyester Fabric Mesh FM-222 a base coat of Aqua-Proof MD-863 base membrane or Insulafex™ RC-948 insulating membrane must be applied to embed the polyester fabric. Please consult technical data sheet of base membrane for procedures.

**Weather:** Select a warm clear day for installation. Consult weather bureau if needed to ensure there is no forecast of rain. Do not apply product after 4:00PM. Product must be kept rain free for at least 6 hours after application.

**Water ponding areas:** Areas where water may accumulate for more than 48 hours must be corrected by using roof drains or other means available. If surface level corrections must be made, use Lanco® Ultra Level™ UL-221 self-leveling underlayment or a cement mix with Lanco® Concrete Admixture CB-9000. See Ultra Level™ UL-221 product specifications.
Important: If used on roofs with slope less than 1/2 inch per foot, warranty will be void if not re-coated annually with one coat of Urethanizer™.

**Repair joints, cracks and seams:** Make sure joints, cracks, seams and flashing are clean and dry. With a putty knife, apply Siliconizer™ Crack Filler and a polyester weave over cracks, seams, flashing and around any standing objects about 2 inches to both sides, and let dry thoroughly 24 hours. Lanco Polyflex one-part urethane should be used instead.

**Concrete roofs:** Repair holes or any weakened areas of concrete surface with good quality masonry cement mix using Lanco® CB9000 or CB4000 Admixture, or Lanco® Bonding Agent CB-950 as per product data application instructions and let dry. Apply concrete mix and let to cure.

**Metal roofs:** Remove rust and prime non-galvanized metals with Lanco® Metal Master Primer™. For galvanized metals, use Lanco® Super Galvanized Primer™ SG-664. Replace loose fasteners. Old fasteners must be covered with Lanco® Siliconizer Elastomeric Crack Filler™ RC-230 or Lanco Polyflex one-part urethane, and let to dry for 24 hours.

**Polyurethane foam roofs:** Make sure surface is in good conditions, free of holes and cracks. If it's in optimum conditions proceed with application. Do not use over other 100% Silicone coatings.

**Asphalt membrane and built-up roofs:** Remove all loose mineral gravel and clean roof thoroughly. Repair cracks or joints with Lanco® Siliconizer Elastomeric Crack Filler™ RC-230 and Lanco® Polyester Weave MP-997, apply one coat of Lanco® Aqua-Proof™ MD-863 to the entire roof and let dry 24 hours to proceed, apply 2 coats of Urethanizer to the entire area. Do not use on pebbles gravel roofs.

**Asphalt shingles:** Roof must be clean and completely dry. Apply 2 coats of Lanco® Aqua-Proof™ MD-863 at a rate of 60 sq. ft per gallon. Let dry 24 hours between coats. Be sure all tabs are completely sealed. If not, apply Lanco® Siliconizer Elastomeric Crack Filler™ RC-230 and Lanco® High Strength Polyester Weave MP-997 on tab joint and let dry 24 hours to proceed.

## Method of Application:

Apply with a Lanco® 3/4" Nap Rough Surface Roller PA-568 or airless spray. Wait 24 hours between coats. Apply only when temperature is above 50˚F (10˚C). Do not apply if temperature is expected to drop below 50˚F (10˚C) before the coating has completely dried. Two full coats are generally needed for proper sealing. Always apply coats in different directions. Never thin or dilute from full strength.

**Recommended equipment:** Use an airless pump with pressure of 1,500 to 2,000 psi. A fluid delivery of 1 to 2 gallons per minute with a spray tip of 0.026 to 0.035 will be adequate. Wait 24 hours between coats. The hoses should be at least 3/8" inside diameter and of the high-pressure rate type. If the hose length is more than fifty feet, a larger inside diameter will be required.

**Cleanup:** Clean roller and equipment after use with warm soapy water.

**Drying time:** Approximately 60 minutes to touch. Cure time is controlled by thickness of the applied coating, relative humidity and temperature. Allow 24 hours between coats.

**Limited warranty:** The manufacturers liability in connection with the sale of this product extends only to the replacement price if it should fail to comply with quality standards or specifications. Protect from freezing.

**Warning!:** Do not allow product to freeze. Do not store in temperatures above 105°F. Protective clothing and eyewear should be used during application of this product. Ensure that lid is tight and pail is upright and secure before transporting. Do not allow pail to roll as this may cause lid to loosen and allow leakage to occur. Transport product placed on top of a protective cloth in cargo area of vehicle to prevent damage from accidental spills.

**Cautions:** Contains styrene butadiene and acrylic resin. In case of eye contact, flush thoroughly with water. Do not rub eyes. In case of skin contact, flush area immediately with clean water. If swallowed, do not induce vomiting. Consult a physician immediately. Use only with adequate ventilation. Keep out of reach of children.

GENERAL SPECIFICATIONS

# Aqua-Proof™ MD-863

## Waterproofing & Crack Isolation Base Membrane

### Description

**LANCO® Aqua-Proof™** liquid membrane of styrene /butadiene latex provides an easy alternative for many waterproofing applications as a base membrane. This monolithic membrane provides excellent performance when used as a base coat over existing surfaces and performs extremely well during continuous water immersion test. Waterproofs concrete and protects from silage attack.

### Uses

Serves as a main waterproof coating or as part of a repair system. May be used under render and plaster or between concrete slabs as a weather or vapor barrier, and as a waterproofing system in below grade applications. For use above or below screeds to provide a damp-free membrane. It is recommended that the membrane be protected from UV radiation. May be used as a secondary protection under tiles in wet areas such as bathrooms, food processing areas, balconies and similar situations. It is very important to mix slowly to avoid excessive aeration of product.

### Advantages

- Water based compound that may even be applied to damp substrates.
- Non-toxic, hazardless and free of solvents or plasticizers.
- Quick drying. Typically touch-dry in one hour.
- Durable, highly flexible with excellent crack-bridging properties.
- Low water vapor permeability
- High alkalinity resistance
- Non staining and stain preventive

### Surface Preparation

The background surface should be smooth or with a slight, even, texture. All masonry should be flush pointed and masonry imperfections corrected. Surface must be clean, sound, and free of dust or loose material. Membrane should not be applied in wet conditions or if such condition is anticipated before membrane is dry. Membrane should not be applied when ambient and surface temperature is below 50ºF.

### Application

Membrane may be applied with brush, roller or airless spray. If necessary, the compound may be diluted with a maximum of 10% water. Care should be taken to ensure that the correct dry coat thickness is obtained.

The thickness per coat of the dried membrane depends on the method of application. For a single dry coat thickness of more than 0.3mm, airless spray is recommended. Using this method, a single dry coat thickness of up to 1.0mm may be obtained.

**Note:** A single dry coat thickness of more than 0.6mm will require longer drying time than equivalent multilayer coating. Multiple coats should be perpendicular to each other.

Before applying second coat, first coat must be touch-dry. Time required for this will vary according to local conditions, but is typically about one hour. Preferably, second coat should be applied within 24 hours of first coat. Membrane should be allowed to dry for at least four days before attempting water ponding tests. Unfavorable weather conditions may extend drying and curing time.

**NOTE:** Do not use as a waterproof barrier coat in direct contact with potable water.

### Technical Data

| | |
|---|---|
| Percent Solids: | 57.00 ±1% by weight<br>51.00 ±1% by volume |
| Weight per Gallon: | 9.18 ± 0.5 lbs. |
| Color: | Blue (Wet)<br>Black (Dry) |
| Drying Time: | Touch-dry – 1 hour<br>For recoating – 24 hour |
| Recommended Coverage: | 80 sq.ft. @10.2 dry mils,<br>20.1 wet mils |
| Available Sizes: | 5 gal. and 1 gal. containers |
| Thinning: | Do not thin.<br>Use only as provided. |
| Flash Point: | Non flammable |
| Finish: | Flat (5º-10º)<br>*Geometry 60º |
| Viscosity: | 90-100 Ku's |
| Percent (%) Pigment by Weight: | 15% ± 1% P.H.<br>8.5-9.0 |
| Theoretical Coverage: | Up to 650 sq.ft./gal.<br>@ 1 mil thickness |

**Disclaimer:** This technical data is true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without notice.

M.S.D.S. Available upon request.

### Floors
Under screeds (or above screeds) to provide a damp proof membrane.

### Basements
As part of a waterproofing system beneath ground level.

### Walls
Can be used under render or plaster as a water barrier or vapor barrier.

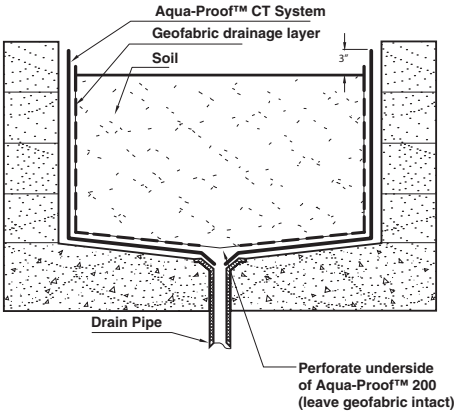
### Roofs
As the main waterproofing coating or as part of a repair
system. It is recommended that the membrane is protected from UV.

### Tiling
As secondary protection under tiles in wet areas e.g. bathrooms, food processing areas, balconies, etc.

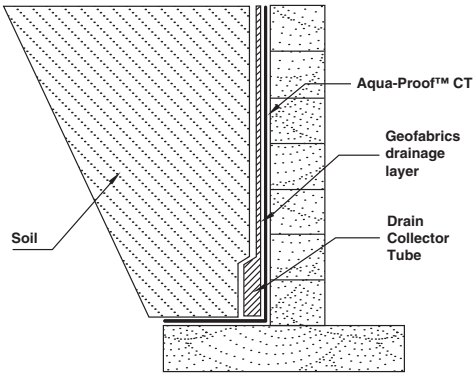
### Water Storage
The membranes perform well in our tests even when continuously immersed in water.

### Silage Storage
The membrane protects concrete from silage attack.

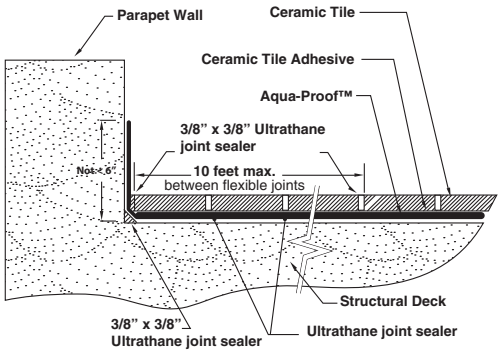
### Planter Box Detail




### Retaining Wall Detail




### Plaza Deck
### with Ceramic Tile Detail



GENERAL SPECIFICATIONS

# Insulaflex™ RC-948

## Insulating Rubber Base Membrane

### Description

This product is a specially formulated elastomeric rubber membrane that simultaneously seals and insulates surfaces. Developed for waterproofing and insulating roofs, siding, interior walls and wooden, metal or plastic outdoor surfaces, it contains both synthetic and natural rubber particles which create a totally waterproof finish and provide a thermal envelope that reduces heat build-up and may reduce energy cost of cooling the structure it is applied on by as much as 89%. **LANCO® Insulaflex™** is the base coat of a two-part system and must be coated with an appropriate **LANCO®** roof top-membrane.

### Uses

Can be used as a base membrane and may be embedded with the **Polyester Fabric Mesh** for added reinforcement in waterproofing and protecting a wide variety of structurally sound roofing substrates such as:

- Modified asphalt membranes
- Built-up roofs
- Polyurethane foam
- Concrete
- Aged galvanized metals
- EPDM

### Advantages

- Excellent insulation
- Ultra fast drying
- Algae resistant
- Dirt pick-up resistance
- Prevents waterponding
- Seals cracks and stops leaks
- Thick and seamless

### Surface Preparation

Ensure that roof substrate is thoroughly clean. Remove all foreign matter and loose previous coatings by sandblasting, high-pressure water stream or wire brushing. Remove all mildew and fungus growth with a 1:3 bleach solution and flush well with water, then allow to dry completely. Surface must be totally dry when applying primer and subsequent coatings. Be sure roof is well ventilated to avoid condensation on roof surfaces and verify proper drainage, repairs and regular maintenance.

### Application

Apply the first coat of product by pouring directly from **Insulaflex™ RC-948** container onto roof surface and spreading it with brush or roller at a rate of 2 to 4 gals./100-200 sq.ft. of surface area. If **Polyester Fabric Mesh FM-222** is to be applied for reinforcement, embed fabric into product while still wet, ensuring that no wrinkles or bubbles occur in the fabric. Press fabric into membrane with brush or roller to saturate properly using adequate amount of product. Allow plenty of time between coats to avoid breakage or lifting of membrane. Allow 24 hours between coats. Apply second coat in like manner to ensure saturation of the fabric mesh.

### Weather

Select a warm clear day for installation, ensuring there is no forecast of rain for that time frame. Do not apply coating after 4:00PM. Product must be kept rain free for a minimum of 6 hours after application.

### Technical Data

| | |
|---|---|
| Percent Solids: | 61.00 ±1% by weight<br>55.00 ±1% by volume |
| Weight per Gallon: | 9.49 ± 0.5 lbs. |
| Color: | Gray |
| Drying Time: | Touch-dry – 1 hour<br>For recoating – 24 hours |
| Recommended Coverage: | 50 sq.ft. @ 17.7 dry mils, 33 wet mils |
| Available Size: | 5 gal. and 1 gal. containers |
| Thinning: | Do not thin.<br>Use only as provided. |
| Viscosity: | 120-125 Ku's |
| Percent (%) Pigment by Weight: | 24% ± 1% |
| Theoretical Coverage: | Up to 650 sq.ft./gal.<br>@ 1 mil thickness |

**Disclaimer:** Technical data presented herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without notice.

M.S.D.S. Available upon request

# Siliconizer™ Crack Filler RC-230

## Elastomeric Silicone-Modified Mastic

### Description

**LANCO® Siliconizer™ Crack Filler** Is a 100% elastomeric, styrene/acrylic, silicone modified white mastic for interior and exterior use. Will permanently seal leaks and bridge cracks on smooth surfaces. A flexible mastic that will adhere to any surface and fill cracks of any size. Will not crack, peel or crumble even after exposure to severe weather conditions.

### Uses

For sealing leaks and cracks of all types on any smooth surface. Use around penetrations, flashing and broken tiles. Excellent for repairing expansion joints, containing wall joints, sealing plumbing and electrical intakes.

### Product Advantages

- 100% elastomeric
- Low odor
- Ultra white
- 100% permanent adhesion
- Non-yellowing
- Mildew and moisture resistant
- Smooth finish
- Heat reflective
- Water-resistant
- Paintable
- Water clean-up
- Seals concrete, dry wall, wood and metal

### Surface Preparation

- All surfaces must be clean and free of dirt, grease, oil, rust, loose or chipped paint and cracked sealants.

- Remove all mildew or fungus with a 1:3 solution of water and bleach. Rinse thoroughly and allow to dry.

- Remove any old sealant present.

- Scrape off any loose paint and apply **Acrylic Primer Sealer AS-210** and allow to dry four (4) hours before applying mastic.

**Note:** Apply at temperatures above 50° F (10° C) and when no rain is expected within 72 hours.

### Application

Product may be applied with brush or spatula. Thickness of coat may vary with application method. We recommend a minimum thickness of 10.2 dry mils. If more than one coat is required, be certain first coat is touch dry. One 0.6 mm layer will take longer to dry than two thinner layers. Second layer must be applied in direction perpendicular to first, preferably within 24 hours of first layer. Allow to dry for at least four (4) days before performing standing water tests. This period may be longer under severe weather conditions.

**Note:** Do not use this waterproofing product in direct contact with drinking water.

### Instructions

For best results, follow these instructions:

(1) SHRINKAGE CRACKS
(less than 1/32" wide):
Prime with **Acrylic Primer Sealer AS-210** and let dry. Apply **Siliconizer™ Crack Filler RC-230** over crack and two inches on each side.

(2) CRACKS 1/32" OR BIGGER:
Any cracks bigger than 1/32" should be routed out to 1/4" wide and 1/4" deep.

Clean crack with water, and let dry. Prime with **Acrylic Primer Sealer AS-210** and allow to dry four hours.

Fill joint completely and two inches on each side with **Siliconizer™ Crack Filler RC-230** and allow drying for 24 hours.

(3) JOINTS:
Clean joints with water and let dry. Prime with **Acrylic Primer Sealer AS- 210** and let dry. Fill them with backing rod and cover with **Siliconizer™ Crack Filler RC-230** 11/16" over surface and two inches on each side of joint.

### Technical Data

| | |
|---|---|
| Percent Solids: | 74.00± 1% by weight<br>63.00± 1% by volume |
| Weight / Gallon: | 13.00± 0.5 lbs. |
| Drying Time: | Tack free: 15 mins.<br>To coat with latex: 2 hours |
| To coat with alkyd paint: | 24 hours |
| Sizes: | 1 gal. - RC-230-4<br>10.1 oz. cartridge - CC-765<br>1 quart - RC-230-5<br>5.5 oz. tube - TP-871 |
| Theoretical Coverage: | Approximately 34 linear ft. of ¼" bead per 10.1 oz cartridge |
| Thinning: | Do not thin<br>use as provided |
| Color: | White |
| Viscosity: | 450,000 –<br>500,000 cps |
| Flash Point: | Non-flammable |
| Percent Pigment by Weight: | 51.00 ± 1% |

**Disclaimer:** This technical data is true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without notice.

M.S.D.S. Available upon request.

GENERAL SPECIFICATIONS

# Acrylic Primer Sealer AS-210

## 100% Acrylic Penetrating Primer & Sealer

### Description

**LANCO® Acrylic Primer Sealer** is a 100% acrylic polymer it is an elastomeric primer specially designed to penetrate and waterproof concrete surfaces to prevent water infiltration throughout surface.

### Uses

**Acrylic Primer Sealer** was specially formulated to penetrate and seal internal cracks and porous surfaces such as concrete. It is also recommended to seal and protect exposed architectural concrete, exposed aggregate walkways, ornamental stones and precast concrete panels.

### Advantages

- 100% transparent
- Extremely durable
- Impact resistant
- Permanent flexibility
- Long lasting
- Mildew resistant
- Seals and cures concrete surfaces
- Penetrates and fills cracks
- Fast drying

### Surface Preparation

Ensure that roof substrate is thoroughly clean. Remove all foreign matter and loose previous coatings by sandblasting, high-pressure water stream or wire brushing. Remove all mildew and fungus growth with a 1:3 bleach solution and flush well with water, then allow to dry completely. Surface must be totally dry prior to application.

### Mildewed Surfaces

All mildew present on surface must be completely eliminated prior to application of this product. Mildew that is not removed may continue to grow through the new coating. Scrub mildewed surface well with a 1:3 solution of warm water and bleach then rinse generously with clean water and allow to dry.

### Application Method

Apply generously with:

- **BRUSH:** Use a good quality nylon or polyester brush.

- **ROLLER:** Use a **LANCO®** ¾" nap **Rough Surface Roller PA-568.**

### Mixing

Always mix thoroughly before applying.

### Cleanup

Clean all utensils immediately with warm soapy water. Flush all spraying equipment thoroughly with this solution.

### Precaution

Do not apply product when ambient or surface temperatures are under 50ºF (10ºC).

Apply liberally without overspreading liquid. Cease application at least two (2) hours before temperature is expected to drop below 50ºF (10ºC).

### Warnings

- Avoid prolonged contact with skin
- Avoid breathing in spray mist
- Close container well after use
- Do not ingest
- Use with adequate ventilation
- Keep out of reach of children

**Note:** Liability with the sale of this product extends only to its' replacement value.

### Technical Data

| | |
|---|---|
| Percent Solids: | 28.00 ± 1% by weight<br>23.98 ± 1% by volume |
| Weight per Gallon: | 8.81 ± 0.5 lbs. |
| Color: | Clear |
| Drying Time: | Touch-dry: 30 mins. |
| For Recoating: | 4 hours |
| Theoretical Coverage: | Up to 400 sq.ft./gal. @ 1 mil |
| Available sizes: | 5 gals. – AS-210-2<br>1 gal. _ AS-210-4 |
| Thinning: | Do not thin or dilute. Use only as provided |
| Flash Point: | Non-flammable |
| Finish: | Transparent |
| Viscosity: | Liquid |

**Disclaimer:** This technical data is true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without notice.

M.S.D.S. Available upon request.

# Concrete Adhesive CB-9000™

## 100% Acrylic Polymer Bonder

### Description

**LANCO® Concrete Adhesive CB-9000™** is a 100% acrylic polymer designed for use as a concrete bonding agent and admixture for cement based materials and mixes. This acrylic polymer will significantly improve adhesion and cohesion as well as tensile, compressive, flexural and mechanical properties of cement based mixtures. **Concrete Adhesive CB-9000™** will never re-emulsify when exposed to water. It will also improve freeze/thaw stability of Portland cement based products.

### Uses

**Concrete Adhesive CB-9000™** is designed to be added to mixing water for preparation of Portland cement mix to be used to repair holes, voids and weakened areas of a concrete surface. For concrete repair, patching, structural repairs and floor toppings.

### Advantages

- Extra bonding properties
- Eliminates cracks
- Improves curing
- Reinforces cement
- Water resistant
- Increases strength
- Non-flammable
- Retains plasticity

### Surface Preparation

Make certain the substrate is thoroughly clean and dry. Remove all foreign matter and old loose particles such as gravel, dirt and old coatings by using high-pressure water stream or wire brushing. New concrete shall be water cured, structurally sound and free of oil grease and dirt. Remove all trace of mildew and fungus growth by scrubbing with a 3:1 dilution of water and bleach or chlorine. Flush completely with clean water and allow to dry. Sweep or vacuum or air-blow with clean, oil-free air stream.

### Mixing Ratio

Always mix mechanically while being careful to avoid high speeds. Do not over mix.

- Normal Ratio: 1 part **Concrete Adhesive CB-9000™** to 3 parts water
- Increased Properties: 1 part **Concrete Adhesive CB-9000™** to 2 parts water
- Maximum properties: 1 part **Concrete Adhesive CB-9000™** to 1 part water

### Application

- Begin by mixing all cement and sand. Sand must be clean, free of clay and dry.
- In a clean bucket pre-mix **Concrete Adhesive CB-9000™** with clean water at desired ratio.
- Slowly add the pre-mixed **Concrete Adhesive CB-9000™** solution to the sand/cement mixture and mix for about two minutes, avoiding excessive aeration of product.
- Using a good quality brush, apply a bond coat of the completed mix to the entire surface to be repaired with concrete plaster. Mix vigorously onto the surface to eliminate any air pockets.
- Apply the prepared mix to the surface while the bond is still wet or tacky.
- Maximum placement time after mixing is 20 minutes. Higher air or surface temperatures will decrease placement times.
- Avoid over use of trowel. Trowel should be kept clean, wet and used with minimal pressure.

### Weather

Select a warm clear day for installation. Consult weather bureau if needed to ensure there is no forecast of rain. Do not apply product after 4:00PM. Product must be kept rain free for at least 6 hours after application.

### Technical Data

| | |
|---|---|
| Percent Solids: | 47.00 ±1% by weight<br>42.00 ±1% by volume |
| Weight per Gallon: | 8.81 ± 0.5 lbs. |
| Color: | White – Dries clear |
| Drying Time: | 24 hours<br>4 days for heavy traffic |
| Available Sizes: | 5 gal.<br>1 gal. containers |
| Specific Gravity: | 1.057 |
| Type of Emulsion: | Acrylic Polymer |
| Thinning: | Water |
| Flash Point: | Non-flammable |
| Finish: | Flat (5°-10°)<br>*Geometry 60° |
| Viscosity: | Liquid |
| Meets: | ASTM C-1042<br>Type I and II |

**Disclaimer:** This technical data is true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without notice.

M.S.D.S. Available upon request.

# Reinforcing Mesh

## Fiberglass Mesh FM-996

### Soft Finishing Stitch Bonded Fiberglass Fabric

**Product Description**

A uniformly distributed membrane of fiberglass threads woven in perpendicular pattern and coated with an organic polymeric binder. Large mesh openings provide improved saturation of roofing membrane and better penetration of wet coating. Compatible with water based elastomeric coatings. Product is lighter and has higher tensile strength than cotton-based reinforcing fabric mesh. Fiberglass will not rot and is mold, algae and mildew resistant. May be used to patch tennis court surfaces, insulate and wrap pipes, on roofing systems and for damp proofing and waterproofing.

**Basic Uses**

- Water based coatings
- Acrylic elastomeric roof membranes
- Asphalt membranes
- Acrylic emulsions
- Solvent type coatings
- Mastics

**Application**

Apply a film of liquid membrane to surface to be treated in accordance with manufacturer's specifications. Embed fiberglass fabric into the wet coating using a soft bristle brush, broom or roller using sufficient pressure to force mesh into wet membrane through the mesh openings and around fabric strands. Conform the fabric uniformly to the surface. Avoid overstretching, bridging or "fishmouths" in fabric. Apply a final coat of liquid membrane over entire surface in accordance with manufacturers recommendations and ensuring fabric mesh is not visible.

**Technical Data**

| | |
|---|---|
| Fabric Size: | 3" to 48" by 150" ROLL |
| Applicable Specifications: | ASTM D-1668-86 Type I |
| Average Net Weight (oz.yd2): | 2.05 |
| Average tensile strength per 1" width: | Warp: 85 min.<br>Fill: 85 min. |
| Treatment % on fabric: | 28% |
| Thread count per inch of width: | Warp: 20 +/- 1<br>Fill: 10 +/- 1 |
| Thickness (average): | .005 inch |

## Polyester Fabric Mesh FM-222

### Soft Finishing Stitch Bonded Polyester Fabric

**Product Description**

Tietex type stitch bonded polyster fabric is a high performance polyester weave for use in cold applied built-up roofing with elastomeric roof coatings and general roof maintenance systems. It is one of the strongest available fabrics for reinforcing seams, panel overlaps, splits, joints, cracks, protrusions and flashing. The soft grade of fabric is very pliable and conforms easily to irregular and dissimilar surfaces. Fabric has high absorption capacity allowing it to soak into and be encapsulated within liquid roofing membranes forming durable waterproofing details and reinforcement.

**Basic Uses**

- Water based coatings
- Acrylic elastomeric roof coatings
- Asphalt coatings
- Acrylic emulsions
- Solvent type coatings
- Mastics

**Application**

Apply a film of the liquid applied coating membrane to the surface in accordance with manufacturers reccomendations. Embed fabric mesh in the wet coating using a roofing brush or broom using enough pressure to force liquid through the mesh openings and around fabric strands. Conform the fabric uniformly to the surface. Avoid overstretching, bridging or "fishmouths" in fabric. Apply a final coat of liquid membrane over entire surface in accordance with manufacturers recommendations and ensuring fabric mesh is not visible.

**Technical Data**

| | |
|---|---|
| Fabric Size: | 40" X 324' ROLL |
| Weight of Fabric: | 3 oz. / sq. yard |
| Tensile Strenght: | 57 lbs. (ASTM D-1682) |
| Average Thickness: | 0.025 in. |
| Trapezoidal Tear Strenght: | 16 lbs. (ASTM D-1117) |
| Color: | White to yellow-white |
| Elongation: | 61-63% (ASTM D-1682) |
| Maximum VOC: | 0 (g/l) |
| Mullen Burst: | 176 lbs. (ASTM D-3786) |
| Flammability: | Ratings: 0<br>Reactivity: 0 |
| Health: | 0 Protective |
| Equipment: | A |

# Ultra Level™ UL-221

## Self-leveling Modified Mortar Underlayment

### Description

**LANCO® Ultra Level™** is a polymer modified cement mortar base underlayment requiring only water to form a free flowing liquid mortar that seeks its' own level, thus producing a smooth, hard, flat surface free of cracks and imperfections. It is designed to eliminate areas that accumulate water and will correct imperfections, seal cracks, smooth rough surfaces and cause rain water to flow in a desired direction. **Ultra Level™** does not require trowelling for finishing, thus reducing time and labor.
This product was developed for use in leveling roofs and floors and will level surfaces up to 1 ½" thick.

### Advantages

- Interior and exterior use
- Modified polymers only require adding water
- Used over concrete, terrazzo, and quarry or ceramic tiles
- Pours 1/8" to 1 ½" in thickness

### Surface Preparation

Surface must be clean free of dust, loose particles, oil, surface hardeners, paint and any other contaminant that may hinder adhesion such as wax or sealers before applying.

- **Concrete:** Concrete must be fully cured (28 days) and surface roughened or broom finished to ensure a good bond and not be subject to hydrostatic pressure.
- **Plywood:** This product is not recommended for use over wood strip flooring without conditioning the surface with a metal lathe as recommended by the Ceramic Tile Institute.
- **Special Surfaces:** When using over smooth surfaces such as terrazzo, marble, quarry or ceramic tiles, the surface must be roughened by mechanical abrasion process. Do not use acid for abrasion as this will weaken the surface and will not allow product to adhere properly to the surface being prepared.
- **Mixing:** Mix the 40 lbs. bag of powder with 6 ¼ quarts of clean water. Add the powder to the water slowly while mixing with a heavy-duty electric drill (½") affixed with mixing paddle at 650 rpm. Mix thoroughly for 2 to 3 minutes until a lump free consistency is obtained.

### Coverage and Application

**Ultra Level™ UL-221** will cover approximately 50 sq. ft. per 40 lb. bag at a 1/8" (3mm) thickness or 25 sq. ft. per 40 lbs. bag at ¼" thickness.

Apply or pour the prepared product over surface and it will find its' own level within 20 minutes. If a second layer is required, install immediately after the first layer is dry and hard enough to walk over. Allow primer to dry to a tacky state before applying a second coat of **Ultra Level™ UL-221**.

When multiple applications are required to achieve a thickness greater than 2" a structural engineer should be consulted.

### Limitations

This product may not be used over gypsum board surfaces, lightweight concrete, particleboard, plastics or steel. Use in temperatures between 40°F and 100°F.

### Warning and Safety Considerations

In case of eye or skin contact flush thoroughly with water. Should ill effects occur seek medical attention immediately.

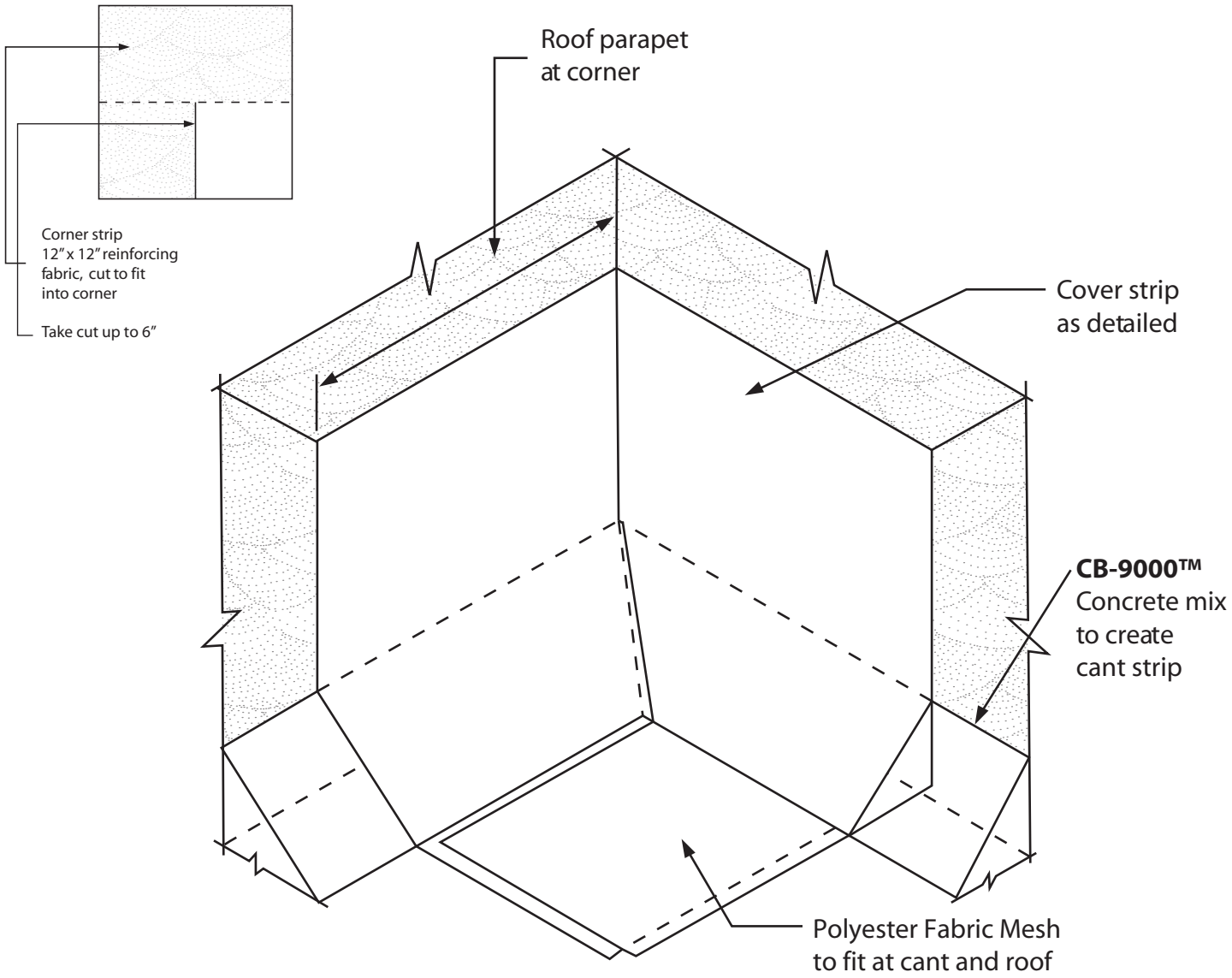
### Technical Data

| | |
|---|---|
| Flow Time: | 15-25 minutes @ 70°F |
| Pot Life: | 30 mins. @ 70°F |
| Working Time: | 20 mins. @ 70°F |
| Compressive Strength: | 7 days 2580 psi (Psi) ASTM C109<br>28 days 4400 psi |
| Initial Set (mins): | ASTM C191<br>90 mins. @ 70°F |
| Final Set (hours): | 3 ½ hours @ 70°F |
| Flexural Strength: | 28 days<br>850 psi ASTM C348 |
| Tensile Strength: | 28 days 420 psi |
| Bond Strength: | 28 days 400 psi |
| Storage Life: | Kept dry in original containers<br>1 year |

**Disclaimer:** This technical data is true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without notice.

M.S.D.S. Available upon request.

# Typical Inside Corner Flashing Detail FD-01




## General Notes:

1. Approved for all **Lanco®** warranties and roofing systems.

2. Follow steps for any necessary priming as outlined in specifications manual.

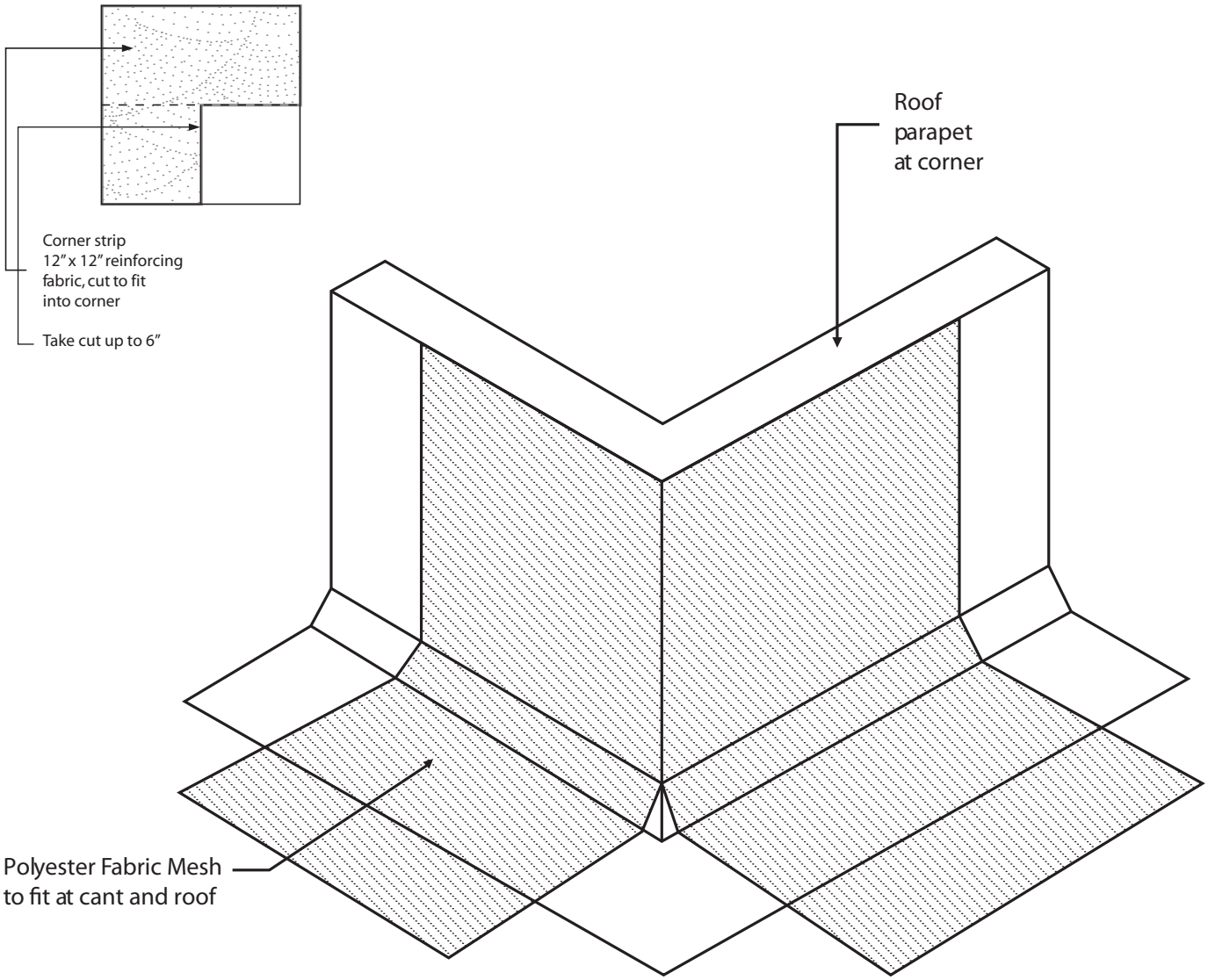
3. Corner strip will be a minimum 12" x 12" Polyester Fabric Mesh cut at center up to 6" (see detail).

4. All polyester weaves to overlap a minimum of 3" when two pieces come together.

5. Fit Polyester Fabric Mesh at cant and roof as detailed in drawings.

6. Use two separate pieces of Polyester Fabric Mesh at edges and penetrations.

# Typical Outside Corner Flashing Detail FD-02




## General Notes:

1. Approved for all **Lanco®** warranties and roofing systems.

2. Follow steps for any necessary priming as outlined in specifications manual.

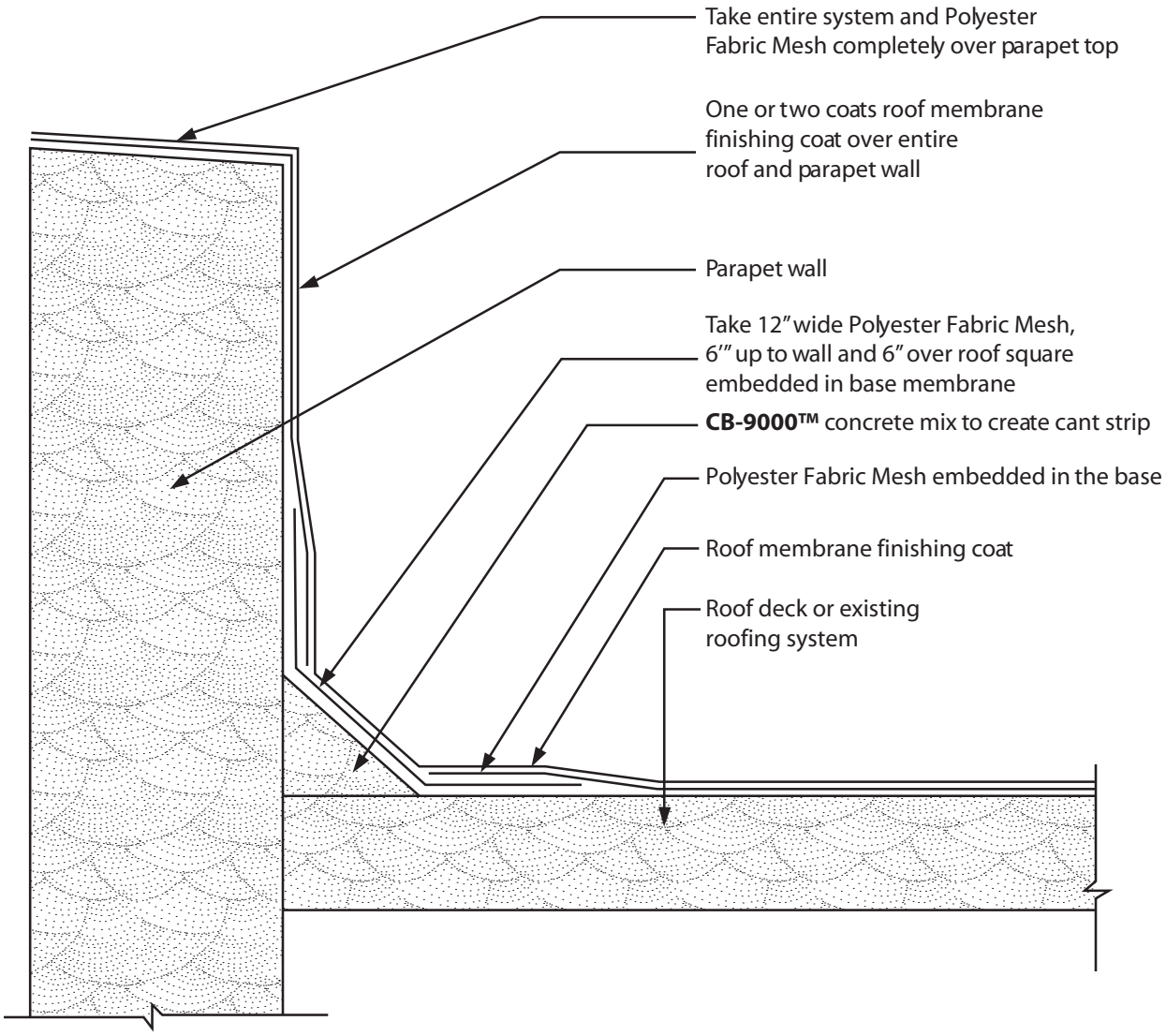
3. Corner strip will be a minimum 12" x 12" Polyester Fabric Mesh cut at center up to 6" (see detail).

4. All polyester weaves to overlap a minimum of 3" when two pieces come together.

5. Use two separate pieces of Polyester Fabric Mesh at edges and penetrations.

CONSTRUCTION DETAIL

# Wall Flashing Detail FD-03




## General Notes:

1. Approved for all **Lanco®** warranties and roofing systems.

2. Follow steps for any necessary priming as outlined in specifications manual.

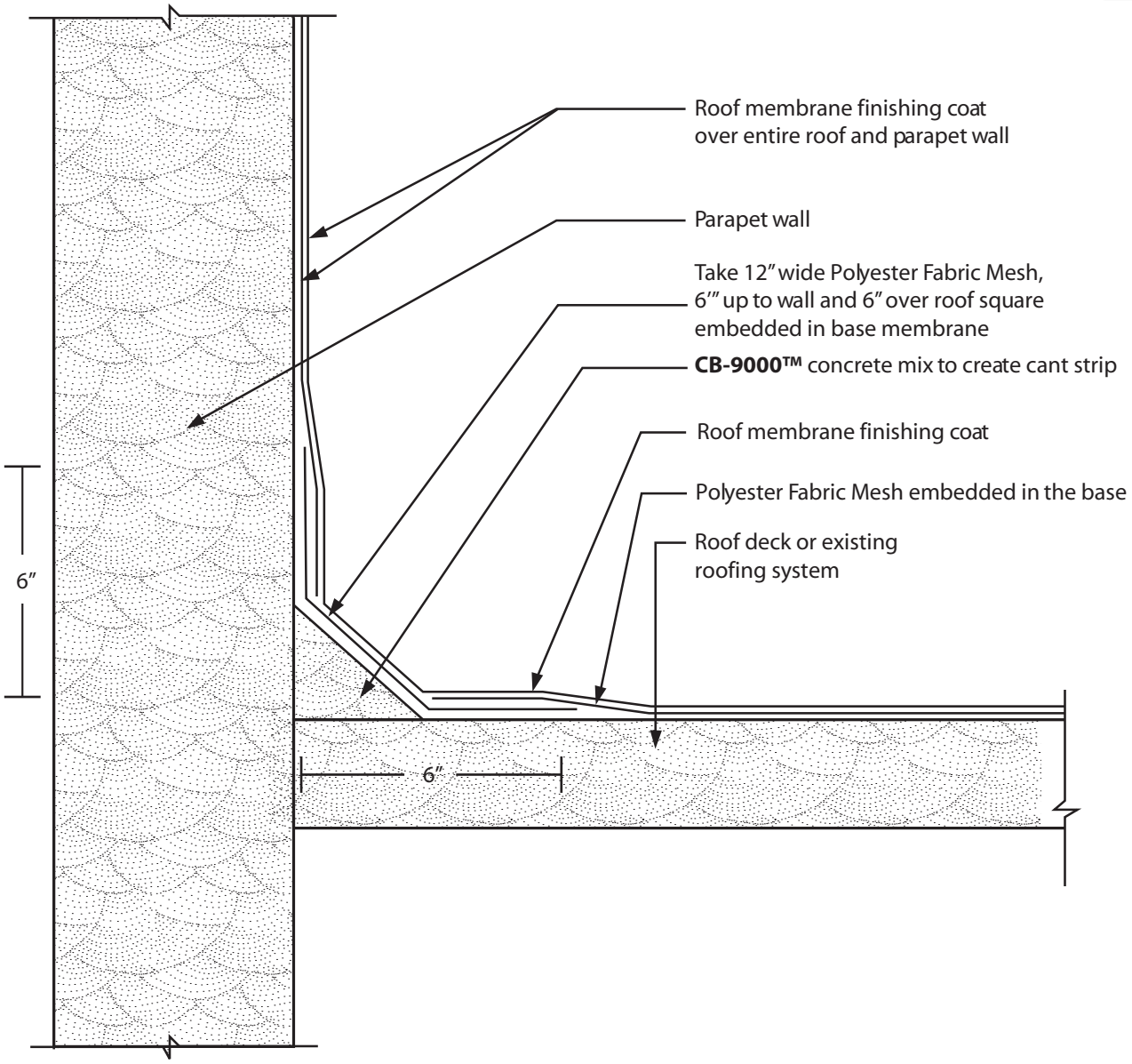
3. Follow steps as detailed in drawing above.

4. All polyester weaves to overlap a minimun of 3" when two pieces come together.

5. Install entire system and Polyester Fabric Mesh completely over parapet top surface.

6. Use two separate pieces of Polyester Fabric Mesh at edges and penetrations.

# High Parapet Wall Flashing Detail FD-04




## General Notes:

1. Approved for all **Lanco®** warranties and roofing systems.

2. Follow steps for any necessary priming as outlined in specifications manual.

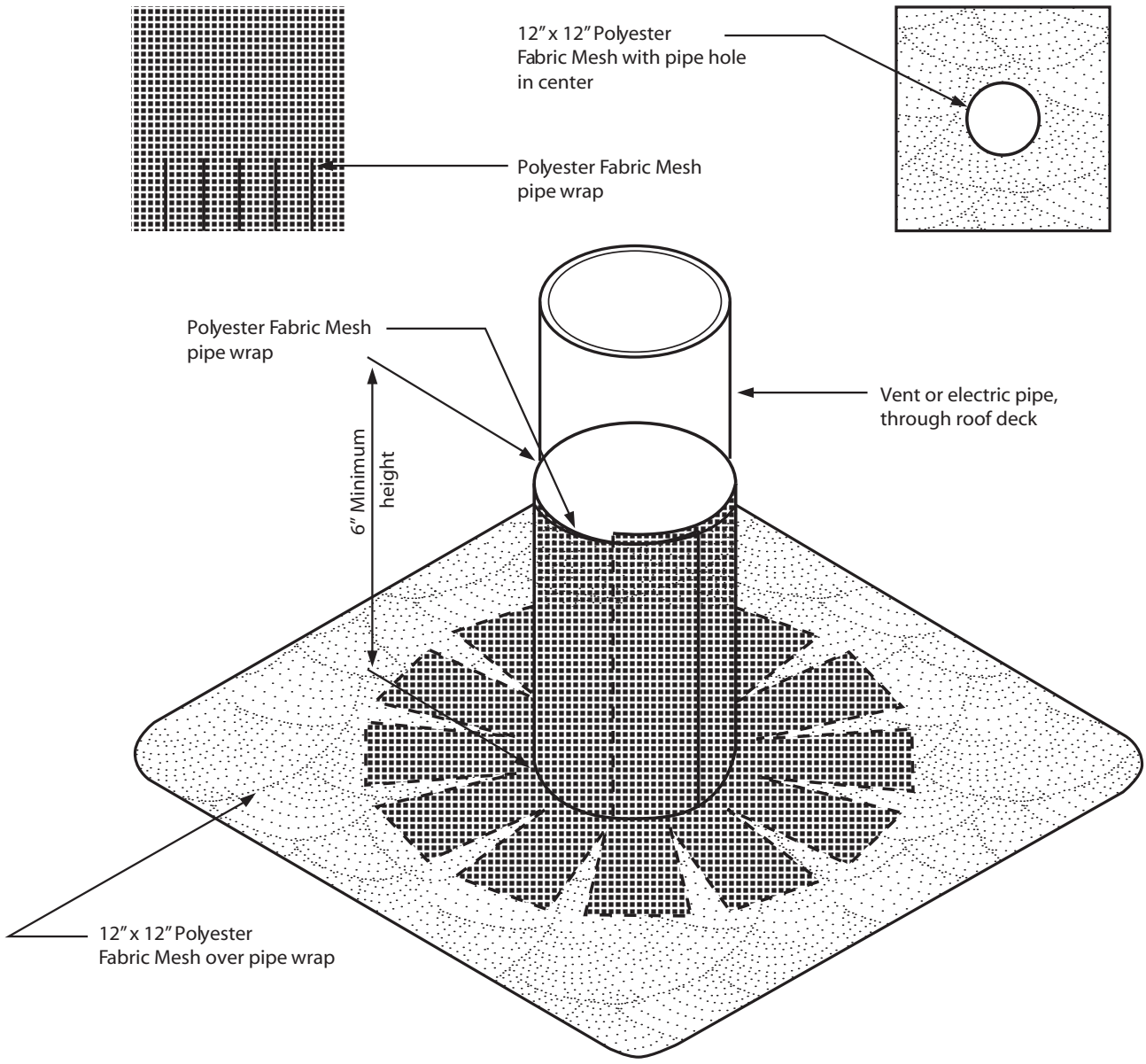
3. Follow steps as detailed in drawings above.

4. All polyester weaves to overlap a minimum of 3" when two pieces come together.

5. Roof membrane finish coat over entire roof and parapet wall.

6. Use two separate pieces of Polyester Fabric Mesh at edges and penetrations.

# Typical Vent Pipe Flashing Detail FD-05




## General Notes:

1. Approved for all **Lanco®** warranties and roofing systems.

2. Follow steps for any necessary priming as outlined in specifications manual.

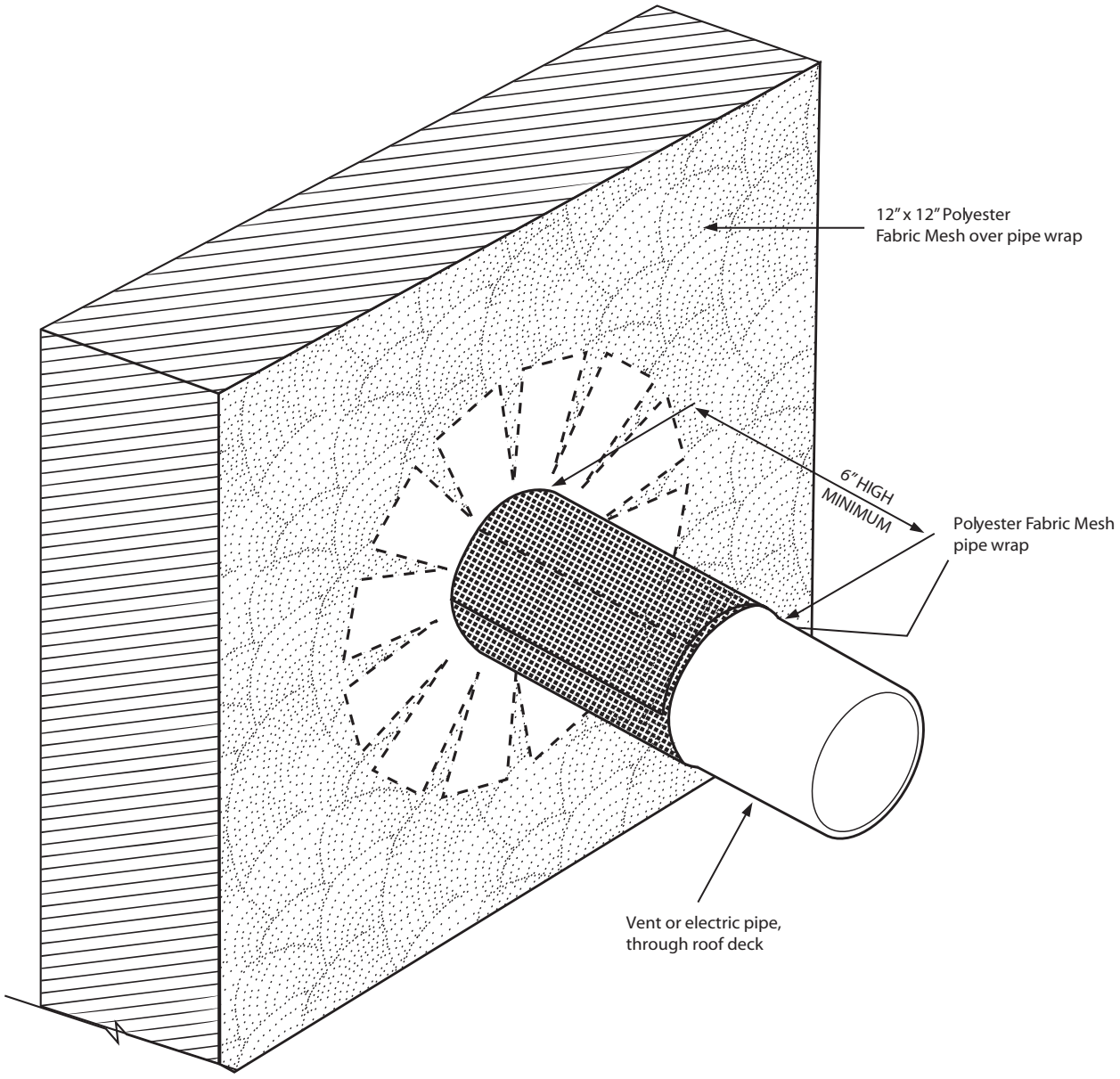
3. Follow steps as detailed in drawings above for pipe wrap and roof cover.

4. All polyester weaves to overlap a minimun of 3" when two pieces come together.

5. Use two separate pieces of Polyester Fabric Mesh at edges and penetrations.

6. Install roof membrane system as specified.

# Side Penetration Base Flashing Detail FD-06




## General Notes:

1. Approved for all **Lanco®** warranties and roofing systems.

2. Follow steps for any necessary priming as outlined in specifications manual.

3. Follow steps as detailed in drawings above for pipe wrap and roof cover.

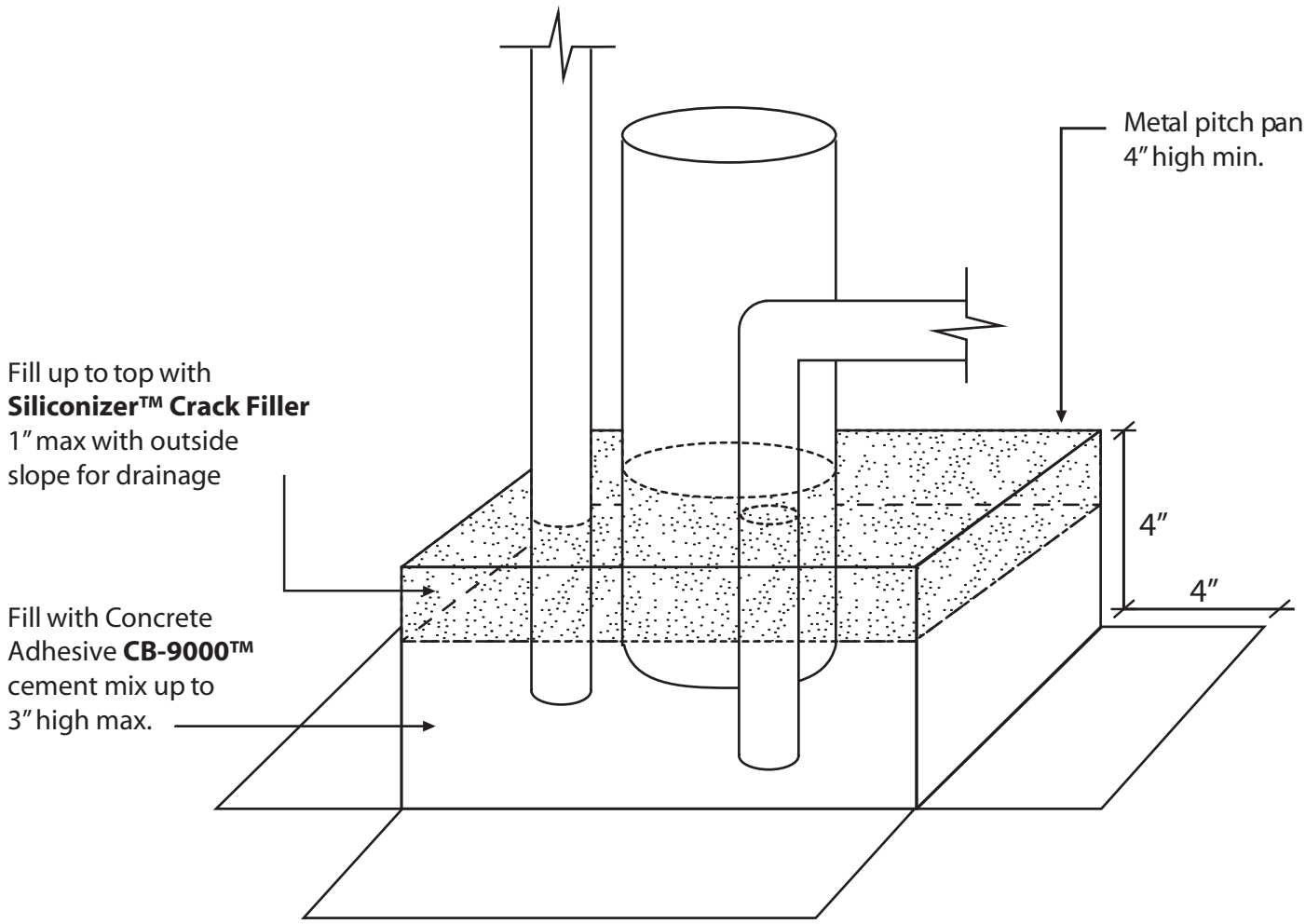
4. All polyester weaves to overlap a minimun of 3" when two pieces come together.

5. Use two separate pieces of Polyester Fabric Mesh at edges and penetrations.

6. Install roof membrane system as specified.

CONSTRCTION DETAIL

# Multiple Penetration Curb Detail FD-07




## General Notes:

1. Approved for all **Lanco®** warranties and roofing systems.

2. Follow steps for any necessary priming as outlined in specifications manual.

3. Follow steps for applications as outlined drawings detail above.

4. All polyester weaves to overlap a minimun of 3” when two pieces come together.

5. Seal metal pitch pan around with Polyester Fabric Mesh at roof.

6. Install roof membrane system as specified.