



Fabric Reinforced Membrane Troubleshooting Guide

TDS 203

Complaint	Cause(s)	Prevention
Membrane does not adhere to substrate	<ol style="list-style-type: none"> 1. Dust, dirt, oil, grease, loose paint, laitance, efflorescence, curing compounds, sealers, water repellents and other materials that prevent bond. 2. Improper application of product 	<ol style="list-style-type: none"> 1. Substrate should be smooth and free of dust, dirt, oil, grease, loose paint, laitance, efflorescence, curing compounds, sealers, water repellents and other materials that prevent bond. Mechanically scarify the concrete surface to remove any contaminants. 2. Follow installation instructions outlined in How-To-Install LATICRETE® Membranes (WPAF.5). Use the correct membrane for application.
Leaking	<ol style="list-style-type: none"> 1. Improper application of product 2. No fabric reinforcement where required 3. Pin hole or voids in membrane 4. Rough texture substrate surface causing tears in membrane 	<ol style="list-style-type: none"> 1. Follow installation instructions outlined in How-To-Install LATICRETE Membranes (WPAF.5). Use the correct membrane for application. 2. Be sure to pre-treat all coves, corners, board joints, drain areas in accordance with How-To-Install LATICRETE Membranes (WPAF.5). Correctly seal all penetrations through membrane (e.g. pipes) with silicone sealant. 3. Be sure to apply a liberal coat and proper application amounts of liquid prior to embedding the fabric and after embedding the fabric. 4. Substrate should be smooth and free of dust, dirt, oil, grease, loose paint, laitance, efflorescence, curing compounds, sealers, water repellents and other materials that prevent bond.
Rips, pinholes, or tearing of membrane	<ol style="list-style-type: none"> 1. Surface not properly prepared 2. Open to installation traffic before membrane had time to cure. 3. Not enough liquid material applied 4. Movement < 1/8" (3mm) 5. Improper application of product 	<ol style="list-style-type: none"> 1. Substrate should be smooth and free of dust, dirt, oil, grease, loose paint, laitance, efflorescence, curing compounds, sealers, water repellents and other materials that prevent bond. Follow installation instructions outlined in How-To-Install LATICRETE Membranes (WPAF.5). 2. Once membrane has dried to the touch, ceramic tile, stone or brick may be installed by the thin bed method with a LATICRETE Latex Thin-Set Mortar. Allow membrane to cure 7 days @ 70° F (21°C) before covering with concrete, thick bed mortar, screeds, toppings, coatings, epoxy adhesives, terrazzo or moisture sensitive finishes, resilient or wood flooring or before conducting a flood test. 3. Be sure to apply a liberal coat of liquid prior to embedding the fabric and after embedding the fabric. 4. Do not install over structural cracks, cracks with vertical movement or cracks with >1/8" (3 mm) horizontal movement. 5. Follow installation instructions outlined in How-To-Install LATICRETE Membranes (WPAF.5). Use the correct membrane for application
Blistering	<ol style="list-style-type: none"> 1. High moisture vapor emission rate or Negative 	<ol style="list-style-type: none"> 1. Prior to installation have a calcium chloride test conducted to see how much vapor is being emitting from

	<p>Hydrostatic Pressure</p> <p>2. Not enough liquid material applied</p>	<p>substrate. Allow membrane to cure properly. Follow installation instructions outlined in How-To-Install LATICRETE® Membranes (WPAF.5) for areas that may exhibit high vapor emissions.</p> <p>2. Be sure to apply a liberal coat and proper application amounts of liquid latex both prior to embedding the fabric and after embedding the fabric.</p>
Milky substance on membrane	1. Exposure to rain or moisture before membrane reaches full cure	1. Allow membrane to cure fully 7 days @ 70° F (21°C) prior to exposing to water or flood test.
Tiles do not adhere	1. Dust, dirt, oil, grease, and other materials that prevent bond.	1. Membrane should be clean and free of dust, dirt, oil, grease, and other materials that prevent bond. Use a LATICRETE Latex Fortified Thin-Set Mortar or LATAPOXY® 300 Adhesive to install finishes.
Hollow Sounding Tile	1. Membrane subject to movement < 1/8” (3mm)	1. Do not install over structural cracks, cracks with vertical movement or cracks with >1/8” (3 mm) horizontal movement.

Technical Data Sheets are subject to change without notice. For latest revision, check our website at www.laticrete.com
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