



Crack Repair Fabric Data Sheet

Part # CRF-4

DESCRIPTION: Concrete Solutions® Crack Repair Fabric is a 4" wide strong, polyester material with good elongation that is used for crack repair reinforcement. Its purpose is to reduce the possibility of new crack reflection through a previously repaired surface.

TYPICAL PHYSICAL PROPERTIES:

	Test	Result
Tensile Strength	ASTM D-1682	57 lbs
Elongation	ASTM D-1682	61.5 lbs
Mullen Burst	ASTM D-3786	175 lbs
Trapezoid	ASTM D-1117	16 lbs
Weight		3 oz/sq yd

MOISTURE VAPOR TESTING: All concrete floors not poured over a proper moisture barrier, are subject to possible moisture vapor transmission or hydrostatic pressure problems which can cause a coating system to blister or fail. Before applying a coating system over a concrete floor which is on-grade or below grade, the customer should be informed of this potential problem and given the option to have a qualified moisture testing company perform calcium chloride test to give the proper recommendations.

SURFACE PREPARATION: Surface Preparation is often the most important part of a successful coating or resurfacing application. Surface must be clean, sound, and free from oil, dirt, waxes, or any other contaminant that may interfere with bonding. Popular methods of surface preparation include grinding, shotblasting, and/or scrubbing with detergent, acid etching, neutralizing, and pressure washing. The type of surface preparation needed will depend on the condition of the substrate to be repaired, resurfaced, textured, stamped, colorcoated and/or sealed. For commercial and industrial indoor jobs, grinding is required to prepare the surface. For residential indoor jobs, scrubbing with detergent, acid washing, neutralizing, rinsing and wet/dry vacuuming is recommended. For most outdoor jobs, the surface can be cleaned by detergent scrubbing, acid washing and pressure washing. See Surface Preparation in Concrete Solutions Training Manual for step by step instructions.

APPLICATION INSTRUCTIONS: Prepare crack for repair system. Prime crack edges with Sealcoat 500. epoxy. Fill crack with Sealcoat 500 and sand mortar. Apply Concrete Solutions Crack Repair Fabric over filled crack. Use Elastomeric Basecoat to secure the fabric flush with the substrate. Allow to dry. When dry, apply a second coat of Elastomeric Basecoat over the fabric and sprinkle with silica sand. When dry, with a tough, sandpaper like finish, apply a thin coat of polymer concrete made with Concrete Solutions Concrete Polymer (Resurfacer).

HOW SUPPLIED: Crack Repair Fabric is available in rolls 4" wide x 300' long.

SAFETY PRECAUTIONS: Health Considerations: Consult the Rhino Linings® Safety Data Sheets (SDS)

Chemical systems require the use of proper safety equipment and procedures. Please follow the Rhino Linings® product SDS and Safety Manual for detailed information and handling guidelines.

For Your Protection: The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning the products and their uses, applications, storage and handling are only the opinion of Rhino Linings Corporation. Users should conduct their own tests to determine the suitability of these products for their own particular purposes and of the storage and handling methods herein suggested. The toxicity and risk characteristics of products made by Rhino Linings Corporation will necessarily differ from the toxicity and risk characteristics developed when such products are used with other materials during a manufacturing process. The resulting risk characteristics should be determined and made known to ultimate end-users and processors. Because of numerous factors affecting results, **Rhino Linings Corporation makes no warranty of any kind, express or implied**, other than that the material conforms to its applicable current Standard Specifications. Rhino Linings Corporation hereby disclaims any and all other warranties, including but not limited to those of merchantability or fitness for a particular purpose. No statements made herein may be construed as a representation or warranty. The liability of Rhino Linings Corporation for any claims arising from or sounding in breach of warranty, negligence, strict liability, or otherwise shall be limited to the purchase price of the material.

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