

RedLINE® INSTALLATION GUIDE

FOR USE WITH: LIQUID APPLIED MEMBRANES

INTRODUCTION

The process of installing the RedLINE in a liquid applied membrane involves only a few simple steps. The curing time of the liquid membrane may be dependant upon the weather conditions. The applicator is advised to contact the liquid membrane manufacturer and SITURA prior to commencing the installation. In general, the installation procedure is described as follows:

STEP 1: SUBSTRATE PREPARATION

Clean and dry the substrate and ensure it is free of any debris or dirt in accordance with the liquid membrane manufacturer's recommendations. Pack the expansion joint gap with compressible batt insulation. Prepare and prime the substrate, as recommended by the liquid membrane manufacturer.

STEP 2: ALIGNMENT

Unroll the RedLINE material and position it over the expansion joint. The polyester fleece on the RedLINE material must be kept dry at all times. Position the RedLINE in such a manner as to verify the correctness of the fit of all its supplied components. The starting location is indicated on the drawings supplied with the RedLINE roll.

STEP 3: ADHESION & ENCAPSULATION

Follow the liquid membrane manufacturer's application guidelines. Typically, the RedLINE is wholly encapsulated into the liquid applied membrane. First, one side of the RedLINE is folded over to expose the substrate and the fleece on the underside of the RedLINE. Then, a coat of membrane is applied concurrently to the substrate as well as the fleece on the underside of the RedLINE. Ensure that the fleece is completely saturated before laying the RedLINE down into the liquid membrane, while wet. Following the substrate embedment, the top fleece surface of the RedLINE material is saturated and coated with the liquid membrane. If applicable to the membrane type, a layer of reinforcing fabric may be embedded into the top coat. Finally, the membrane is allowed to cure as per the membrane manufacturers requirements.

STEP 4: PROTECTION LAYER (OPTIONAL)

If an additional protection layer is required, adhere with the liquid membrane a compatible strip of protection board to one side of the joint, covering the exposed part of the RedLINE material. This allows for the free movement of the protection layer.

TAKE NOTE:

POINTS TO NOTE WHEN INSTALLING RedLINE IN A LIQUID MEMBRANE

1. Ensure that the RedLINE material fleece is dry. If by chance it is exposed to moisture, dry it out prior to application either by hot air drying or laying it out in the sun.
2. Ensure that the RedLINE fleece is fully saturated with the liquid membrane.
3. Apply sufficient quantities of liquid taking into account the absorption of the RedLINE fleece

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RedLINE being dry fitted to ensure correct fit



A coat of liquid membrane is being applied to the substrate



RedLINE being rolled to ensure proper adhesion



A coat of liquid membrane and the reinforcing fabric is being applied to the top RedLINE fleece

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RedLINE fleece is being completely encapsulated and covered



The completed RedLINE installation



Closeup of completed RedLINE transition