SHORT FORM SPECIFICATION: RedLINE Application Liquid Applied Membranes (LAM)

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Overview: *Short form specification for the installation of the RedLINE joint waterproofing material with Liquid Applied Membranes. This application is most commonly used for horizontal waterproofing installations.*

PART 1: GENERAL

1.01 SCOPE

A. Provide factory fabricated elastomeric expansion waterproofing joint, to prevent the penetration of water at control, expansion or building joints as indicated on architects'/ engineers' drawings, in new or retrofit installations.

1.02 SUBMITTALS

A. Submit to joint manufacturer drawings indicating location of joint and configurations.

B. Manufacturer's printed literature and installation instructions.

PART 2: PRODUCT

2.01 DESCRIPTION

A. Provide flat, vulcanized waterproofing joint integral with the waterproofing membrane to accommodate movements up to: ± 1" [± 25 mm] / ± 2" [± 50 mm] / ± 4" [± 100 mm] / ± 10" [± 250 mm] capable of 500% elongation at - 40 °F [- 40 °C] across its length and at all vulcanized points.

B. All details and connections are factory fabricated by means of vulcanization.

C. Joint material is to be RedLINE [20], [20G], [40], [40G], [240], [100] as supplied by SITURA INC., 1-888-474-8872.

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PART 3: EXECUTION

3.01 INSTALLATION

A. Install all components of the system in accordance with the manufacturer's instructions.

B. Typically the RedLINE is encapsulated in the liquid applied membrane. A coat of the membrane is applied to the substrate, and the RedLINE is laid into the liquid membrane while wet. The manufacturers' recommendation with regards to the flash off time must be observed, before the RedLINE is laid in.

C. Following the substrate embedment, the top fleece surface of the RedLINE material is coated with the liquid membrane and allowed to cure as per the membrane manufacturers requirements. The joint shall not obstruct water flow across its surface and forms a continuous monolithic waterproof barrier.

3.02 PROTECTION

A. The joint can be protected by means of an overlap membrane adhered to one side of the joint.

END OF SECTION