

MULTI BAND

Polyurethane bandage System

Multiband Bandage System

The MULTIBAND Bandage System is a catalyst activated, two component cold liquid urethane rubber forming a continuous joint free bandage protection and sealing of expansion and construction joints. Being a liquid applied system, MULTI BAND fills all irregularities in concrete surfaces. Conventional rubber systems normally bridge such irregularities resulting in joint failure. By using MULTIBAND the permutations of joint design are far greater due to the liquids ability to follow the concrete surface profile both horizontally and vertically.

MULTIBAND can be applied at varying widths and thickness depending on site circumstances and movement criteria. MULTIBAND can be formed to follow an irregular joint profile, eliminating the necessity to increase the width of the bandage to accommodate joint irregularities.

MULTIBAND is designed to bond onto the joint faces of expansion joints as well as the surfaces immediately adjacent to the joint creating a completely watertight seal. MULTIBAND is easily repairable in the event of damage to the system occurring.

Application Procedure

- * Scabble the sides to top of joint to required width viz 80mm; 100mm; 140mm; etc.
- * Prepare joint itself, place backing rod, prime and seal with MULTISEAL 1145 Polyurethane Sealant, as per MULTISEAL 1145 Polyurethane Sealant Data Sheet.
- * Allow to cure for 24 hours then place P.V.C. tape strip over joint sealant to act as a bond breaker and strip tape.
- * Place self adhesive glazing tape, 5mm thick outside edges of the joint to form a straight width of 80mm, 100mm, 140mm whichever applicable.
- * Remove release paper from the facing side and stick down onto concrete surfaces.
- * Make sure bandage strip is centre to joint.
- * Prime the exposed and cleaned concrete surface with MULTIPRIME 1308 Epoxy Primer.
- * Mix and apply MULTISEAL 1145 Polyurethane Sealant within 1/2 -1 hour after application of the primer. The application of the primer is strictly as specified for water retaining structures.
- * Gun the MULTISEAL 1145 Polyurethane sealant to fill gap between self adhesive glazing tape and use steel trowel to strike to level of top of glazing tape.
- * Use trowel with soap water and smooth finish. Examine for defects and make good if necessary. Remove tape.
- * Round off the edges of the MULTISEAL 1145 Polyurethane Sealant and allow full cure of 7 days before exposure to water.
- * Use MULTI KLEEN 1600 to clean all equipment, etc.

MULTI BAND complies with the following requirements of SABS 110 and SABS 1077

Type 11.

Service Temperatures:	20° C to 90° C
Application Life:	5° C to 40° C
Storage Stability:	±24° C
Colour:	Grey
Pot life:	1.5 hours
Tack-free Time :	<72 hours
Adhesion and Cohesion in Tension :	25% joint width

Technical Data

Colour:	Grey, Black, White
Thickness:	2mm to 12mm
Width:	No limitations
Shore Hardness:	25 Shore A
Liquid Content:	100%
Density (mixed):	1.33/ litre
Initial Cure 25° C :	16 Hours
Initial Cure 30 ° C :	12 Hours
Full Cure:	7 Days
Shelf Life Base :	12 months at 24 ° C
Shelf Life Activator:	9 months at 24 ° C
Cleaner:	MULTI THINNERS 1600

Multiband System

The standard system for sealing of underground joints, water retaining joints and sealing areas where water pressure exists.

Packaging

Supplied in 2 Litre Kits

Quality Assurance

MCC LIMPOPO's production and testing programmes comply with local testing standards.

Updates

This data sheet supersedes all previous issues prior to this date: 31/10/02.