

Neoprene X Pansion Loc Strips

Installation Guide

LATHAM ORIGINAL NEOPRENE-X-PANSION LOC® STRIPS

AUSTRALIAN
DESIGN MARK



Latham
Neoprene-X-Pansion
Loc/Tile Strips & Major
Movement Joint Systems
Licence No. 95225
Standards Australia

Installation Guide

Loc® Strip Installation ■ Brass, Zinc, Rebonite, Stainless Steel

The illustrations and photographs on these pages show the correct anchoring procedures using the GW50 or SSW50 Wire Anchors with the Latham Neoprene-X-Pansion Loc® Strip. All Loc® Strips are 1800mm in length and require wire anchors at 350mm centres for secure fixing and maximum expansion/contraction control.

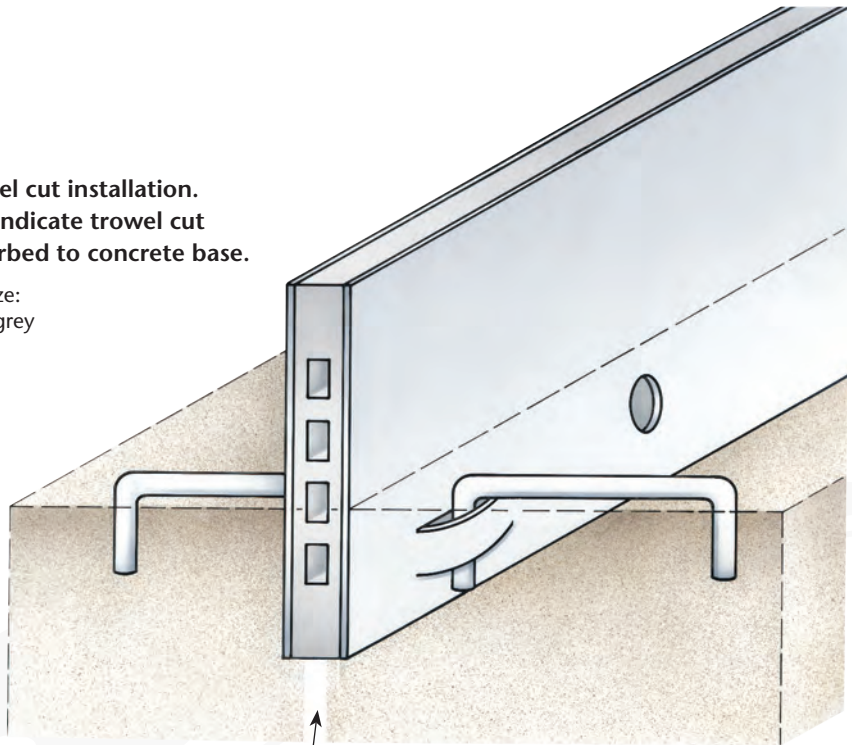
All Loc® Strips must be installed in accordance with best practice.

Brass, rebonite and stainless steel are used both internally and externally. Zinc is for internal applications only.

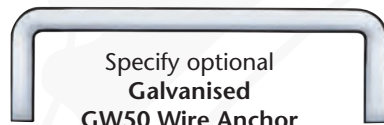
When specifying always state neoprene colour required after product type. If requiring non-standard Loc® Strips please consult with Latham Australia.

Optional trowel cut installation. White line to indicate trowel cut through underbed to concrete base.

Illustrated Full Size:
LSZ 50 x 6 zinc/grey



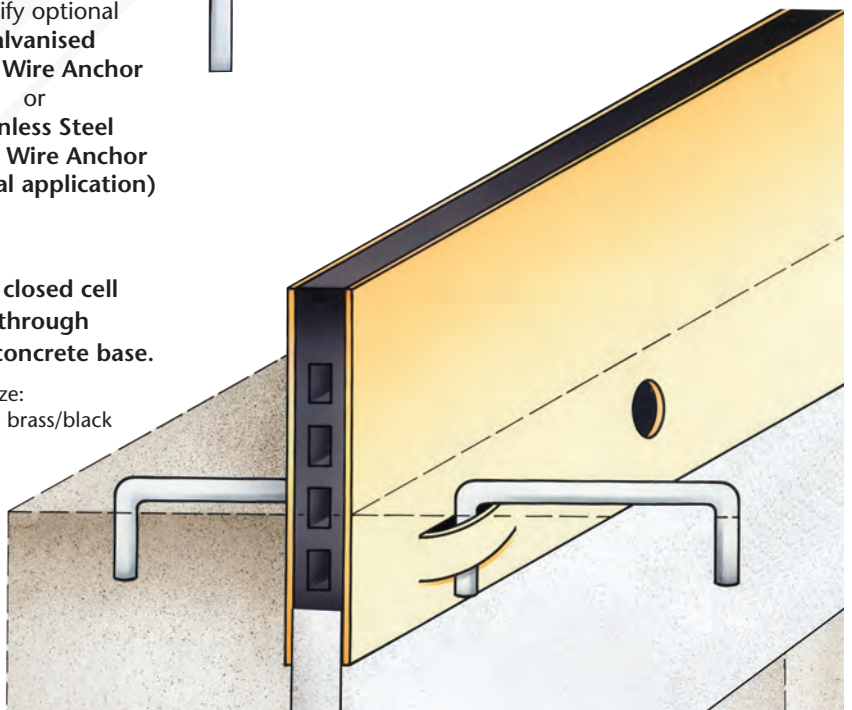
TROWEL CUT VOID



Specify optional
Galvanised
GW50 Wire Anchor
or
Stainless Steel
SSW50 Wire Anchor
(external application)

Compressible closed cell polyethylene through underbed to concrete base.

Illustrated Full Size:
TBLSB 35/75 x 6 brass/black



No installation is complete without GW50/SSW50 wire anchors installed securely in bedding.

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Installation guide for Loc® Strips in mud bedded tile & paver applications

All Loc® Strips and Tile Strips should be installed level with surrounding floor finish and not more than 0.5mm below floor finish. Strips should never be installed above the surrounding floor finish.



1. The installer makes a trowel cut in the bed through to the slab ensuring it is as wide as the neoprene insert and free of debris.



2. The installer then inserts the Loc® Strip, working into the bed to the required depth. At this stage the installer inserts the wire anchors, ensuring no debris gets under the Loc® Strip.

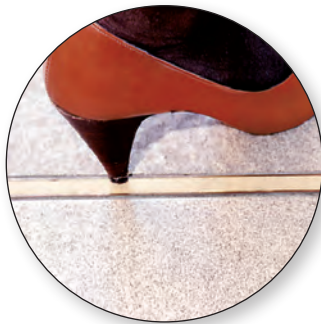


3. The floor finish and Loc® Strip can then be levelled to the required height.

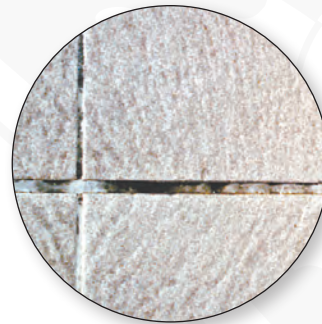


4. Loc® Strips 31mm or deeper can be ground insitu.

Comparison with joint poured insitu



Installed Neoprene-X-Pansion Loc® Strip showing resilience of neoprene centre to wear and damage by normal pedestrian traffic.



Joint poured insitu with no metal sideplate support showing damage of the filler due to normal pedestrian traffic.

Tile Strip Installation ■ Brass, Aluminium, Stainless Steel

Tile Strips are designed to be installed when using adhesive fixed tiling. Standard tile strips are generally installed with 2-3mm of adhesive. It is imperative that the installer assures that adhesive is not under the neoprene insert as this will stop the neoprene moving.

Tile Strips should be installed over joints or saw-cuts while the adhesive is in a plastic state and trowelled firmly to ensure adequate anchorage. To confirm that the location of joints in tile work align with existing substrate joints, the tile work joints should be constructed during installation of the mortar and tile beds, rather than by saw-cutting joints after installation. Joint depth should be appropriate for the combined thickness of the adhesive layer and the tiles, and to prevent the joint protruding above the level of surrounding tile work.

