

# NBDS Flat-Line Series - No Bump

Flexible Expansion Joint Cover

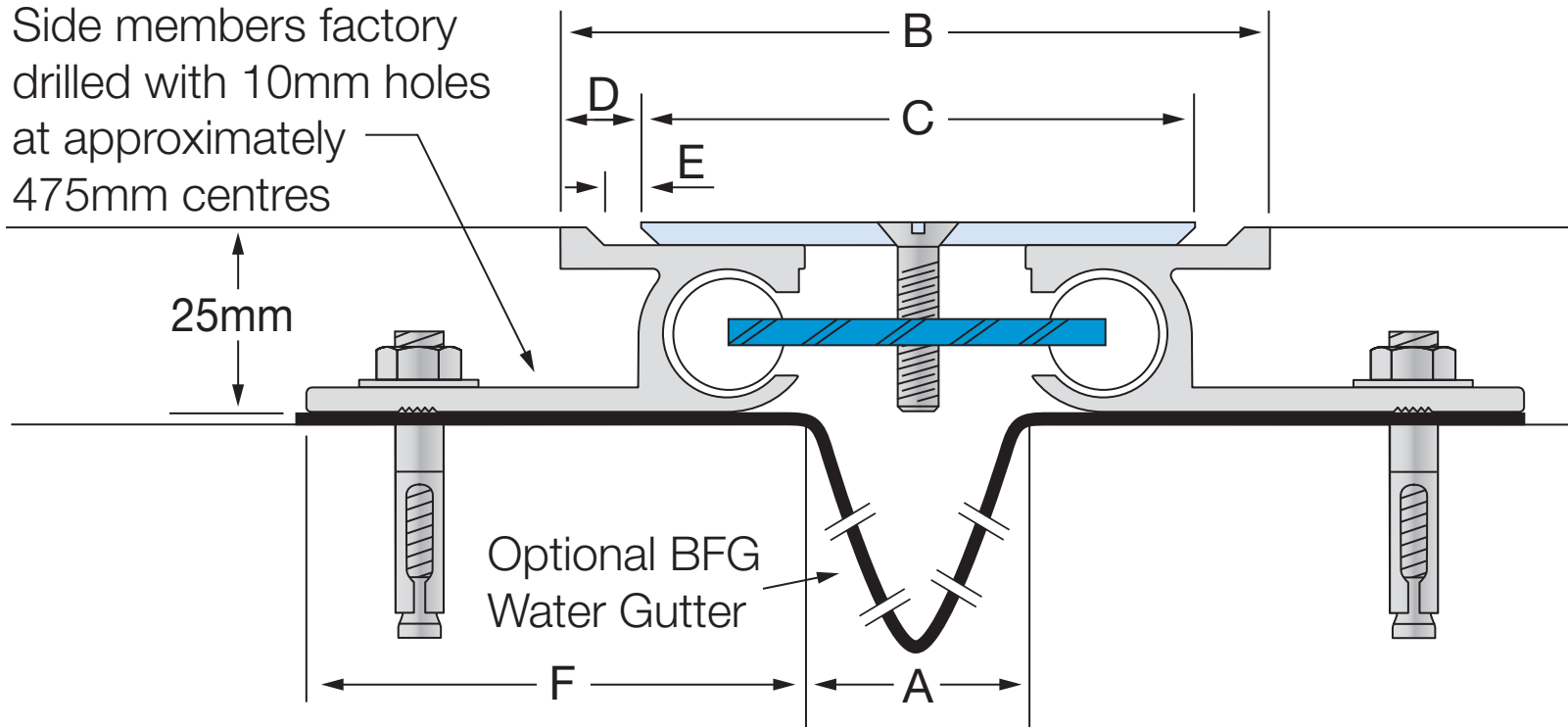
**LATHAM AUSTRALIA PTY LTD**  
 14 TENNYSON ROAD GLADESVILLE 2111 AUSTRALIA  
 Phone: 61 2 9879 7888 Fax: 61 2 9879 7666  
 Web: www.latham-australia.com



Illustrated: NBDS-30 Scale: Approx. Full Size  
 All dimensions are to be verified before construction

Verified By..... Date.....

Side members factory drilled with 10mm holes at approximately 475mm centres



Exterior/Interior use.

The Latham No-Bump Series of joints have been specially designed by Latham Australia Pty. Ltd. for use in Hospitals and other applications where no change in floor surface level can be tolerated. The inverted Stainless Steel Cover Plate alleviates any bump. NBDS joints are available in all standard joint widths, as CS and DCS joints, please refer to Latham Technical Manual 43.

All mechanical expansion joint fixings by others.

Aluminium embedded members with stainless steel cover plate.

The centering bar consists of two full nylon spheres fastened at opposite ends of a flat spring steel bar. The bar is positioned diagonally across the joint opening with the spheres inside the extruded cylindrical tracks. This unique concept allows for increased rotational movements and maintains constant spring tension at the centre of the cover plate. This greatly reduces the stresses on the embedded anchor sections and the surrounding concrete slabs.

Design subject to change without notice.

COPYRIGHT © 2011

Stainless Steel Code	A	B	C	D	E	F	Movement	Total Available Movement	Overall Depth	Cover Plate Thickness
NBDS-30	30	93	75	9	3	68	+34/-6mm	40mm	25mm	3mm
NBDS-53	53	118	100	9	3	68	+34/-6mm	40mm	25mm	3mm
NBDS-80	80	143	125	9	3	68	+34/-6mm	40mm	25mm	3mm

Larger joint widths available on request. All dimensions are in millimetres.