

NSA Ultimate Series - SHallow

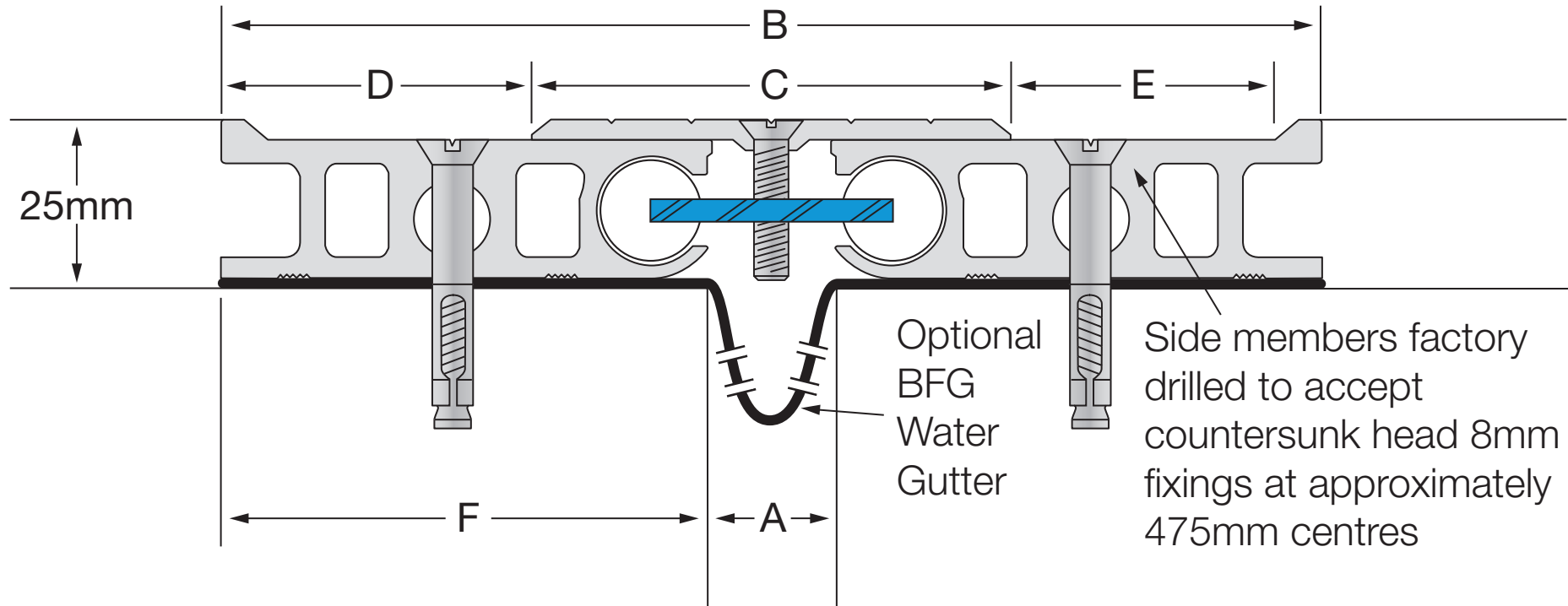
Flexible Mechanical Expansion Joint Cover

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Illustrated: NSA-20 Aluminium Scale: Approx. Full Size
 All dimensions are to be verified before construction

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



Exterior/Interior use.

All mechanical expansion joint fixings by others.

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.

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Aluminium Code ribbed deck	A	B	C	D	E	F	Movement	Total Available Movement	Overall Depth	Cover Plate Thickness
NSA-20	20	174	75	46	40	77	+45/-10mm	55mm	25mm	3mm
NSA-30	30	184	100	41	35	77	+55/-20mm	75mm	25mm	3mm
NSA-55	55	209	125	41	35	77	+55/-45mm	100mm	25mm	4mm
NSA-80	80	234	150	41	35	77	+55/-65mm	120mm	25mm	5mm
NSA-105	105	259	175	41	35	77	+55/-70mm	125mm	25mm	5mm

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