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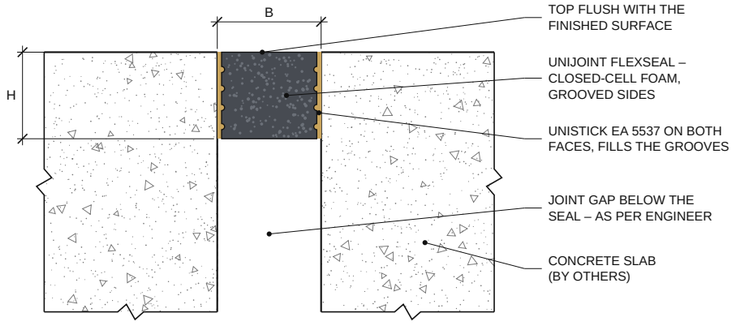
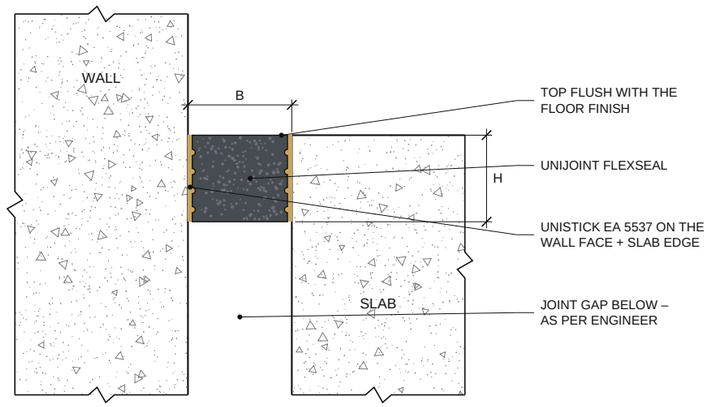


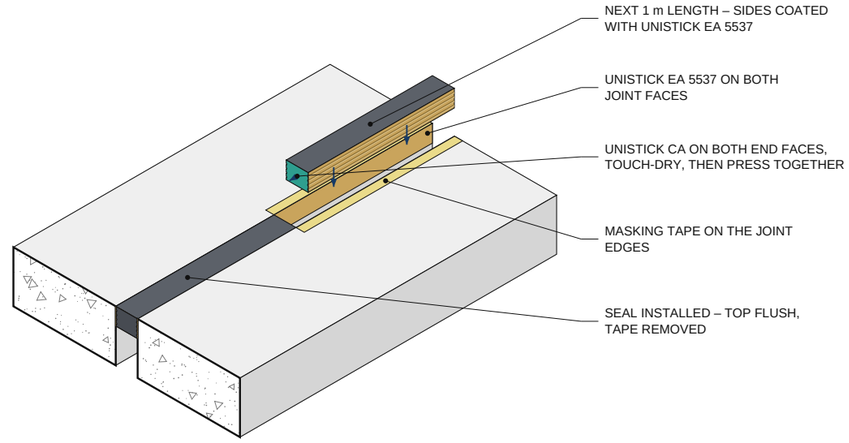
1 FLOOR TO FLOOR

SECTION – NOT TO SCALE



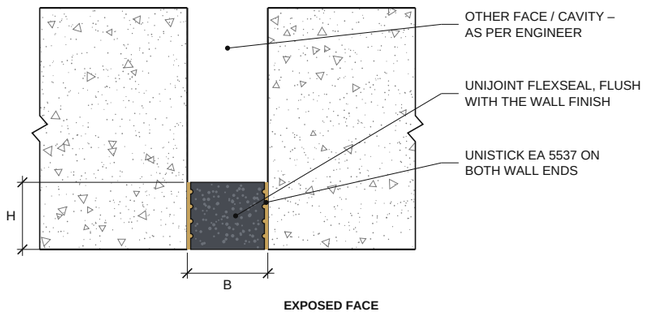
2 FLOOR TO WALL

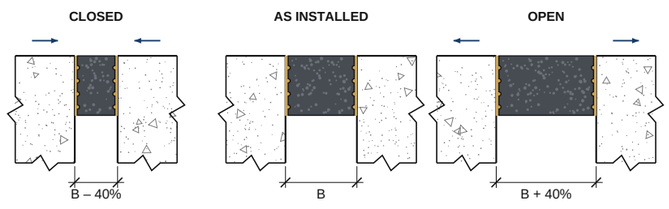
SECTION – NOT TO SCALE



3 3D VIEW – INSTALLATION IN PROGRESS

BUTT-JOINTED 1 m LENGTHS – NOT TO SCALE





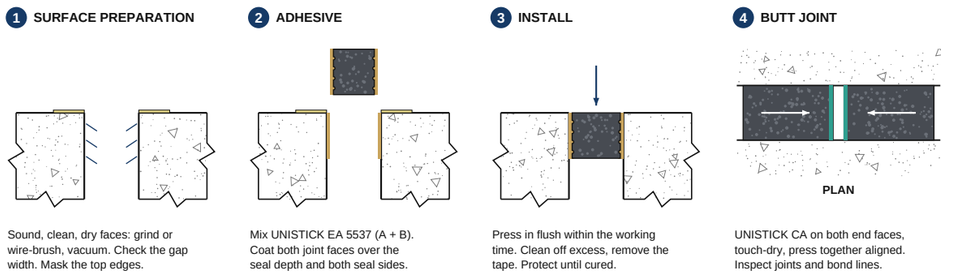
MOVEMENT CAPACITY ± 40% OF THE GAP WIDTH B (80% TOTAL) – TDS

4 WALL TO WALL

PLAN – NOT TO SCALE

5 MOVEMENT

SEAL BONDED TO BOTH FACES – NOT TO SCALE



6 INSTALLATION SEQUENCE

AS TDS – NOT TO SCALE

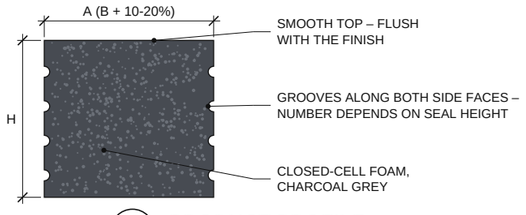
UNIJOINT FLEXSEAL – SELECTION (REFER TO TDS), mm

GAP B	MOVEMENT ± [TOTAL]	HEIGHT H	SEAL A	PRODUCT CODE
10	± 4 [8]	25	15	UJ-FS-010-025
20	± 8 [16]	25	25	UJ-FS-020-025
25	± 10 [20]	25	30	UJ-FS-025-025
30	± 12 [24]	50	35	UJ-FS-030-050
38	± 15 [30]	50	45	UJ-FS-038-050
44	± 18 [35]	50	50	UJ-FS-044-050
50	± 20 [40]	50	55	UJ-FS-050-050
57	± 23 [46]	64	65	UJ-FS-057-064
63	± 25 [50]	64	70	UJ-FS-063-064
70	± 28 [56]	64	80	UJ-FS-070-064
75	± 30 [60]	76	85	UJ-FS-075-076
83	± 33 [66]	76	95	UJ-FS-083-076
90	± 36 [72]	76	100	UJ-FS-090-076
95	± 38 [76]	89	105	UJ-FS-095-089
100	± 40 [80]	89	110	UJ-FS-100-089
> 100	**± 40% [80%]**	**MADE TO ORDER**		**MADE TO ORDER**

B = gap width, A = seal width supplied (nominal; 10-20% wider than B, installed in compression), H = seal height. 1 m lengths. Load ratings (Eurocode, vehicle speed max. 16 km/h): refer to the TDS.

GENERAL NOTES (FOR GUIDANCE ONLY)

1. UNIJOINT FLEXSEAL is a closed-cell foam expansion joint seal, produced to the measured gap width and bonded to both joint faces with UNISTICK EA 5537 epoxy adhesive, top flush with the finishes. Floor to floor, floor to wall and wall to wall (TDS).
2. Joint width, movement, joint layout and everything below or behind the seal are designed by the project engineer.
3. Movement capacity ± 40% of the gap width B (80% total). Order to the measured gap: measure at several points and state the narrowest and widest; select H from the table. Gaps over 100mm, including 150mm and above, are made to order.
4. Joint faces structurally sound, clean, dry and free from dust, laitance, oil, curing compounds and loose particles. Install within the working time of the adhesive; protect the joint from traffic, water and loading until the adhesive has fully cured.
5. Supplied in 1m lengths, butt-jointed on site with UNISTICK CA contact adhesive (both end faces, touch-dry). Inspect butt joints and bond lines.
6. The seal is supplied 10-20% wider than the gap (A) and is installed in compression.
7. The seal is not fire-rated. A fire-retardant version in UNIFLEX PE FR material is available on special request.
8. Follow the EA 5537 / CA TDS and SDS: gloves, goggles; UNISTICK CA is solvent based and flammable – ventilate, no naked flames.



7 PRODUCT PROFILE

CROSS-SECTION – NOT TO SCALE

LEGEND

- UNIJOINT FLEXSEAL
- UNISTICK EA 5537 epoxy
- UNISTICK CA contact adhesive
- Masking tape (temporary)
- Concrete (by others)

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DISCLAIMER – FOR ILLUSTRATION ONLY, NOT FOR CONSTRUCTION

This drawing is a generic product illustration. It is NOT an engineering design and has not been prepared, checked or endorsed by a professional engineer. Unity Reliance (M) Sdn Bhd is a product supplier, not a design consultant. All sizes, bedding thickness, edge distances, reinforcement, dowels and installation details shall be designed, verified and approved by the project's qualified engineer. Unity Reliance (M) Sdn Bhd accepts no responsibility for structural design, site conditions, workmanship, or any loss or damage arising from the use of this drawing. Product supply is governed by the relevant TDS and terms of sale.

REVISIONS

REV	DATE	DESCRIPTION
0	11/11/26	FIRST ISSUE
A	11/11/26	GROOVED SIDES; PRODUCT PROFILE
B	13/11/26	SEAL A = B+10-20%; GROOVE NOTE

PRODUCT
UNIJOINT FLEXSEAL EXPANSION JOINT SEAL
UNISTICK EA 5537 / UNISTICK CA

DRAWING TITLE
UNIJOINT FLEXSEAL EXPANSION JOINT SEAL

DRAWING NO.
UR-JT-06

REV
B

SCALE	SIZE	DATE	DRAWN
NTS	A3	13/11/26	UR

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