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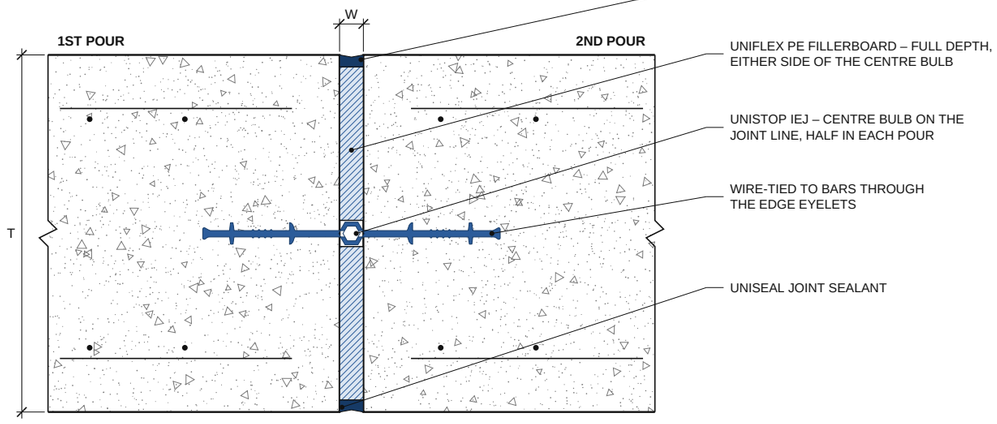
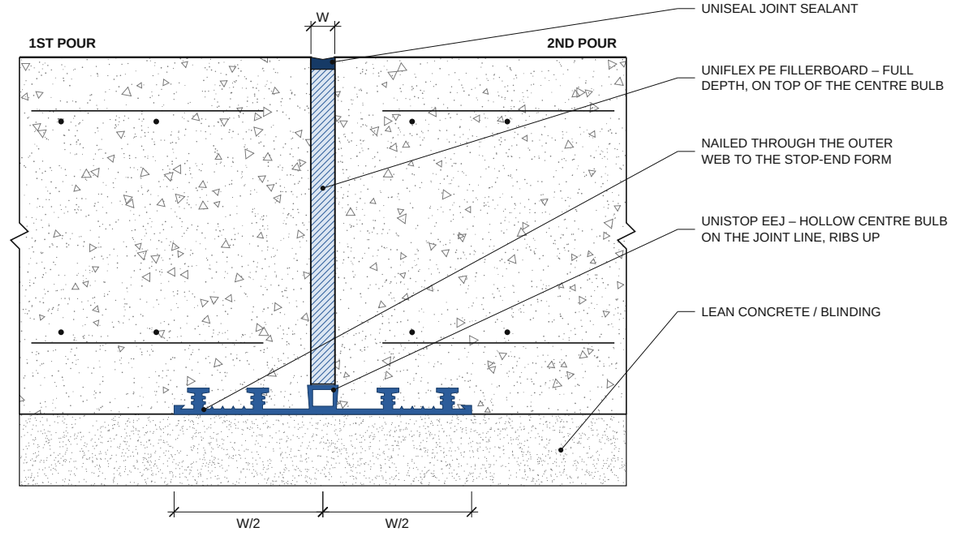


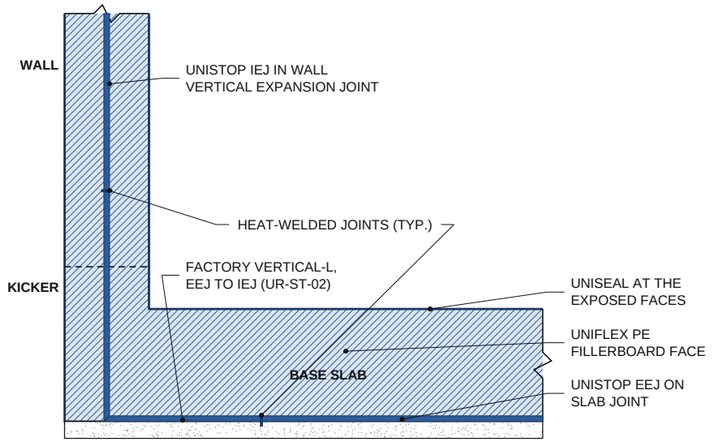
1 WALL / SUSPENDED SLAB

EXPANSION JOINT – UNISTOP IEJ – NOT TO SCALE



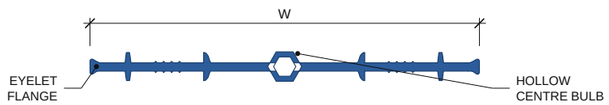
2 BASE SLAB ON BLINDING

EXPANSION JOINT – UNISTOP EEJ – NOT TO SCALE

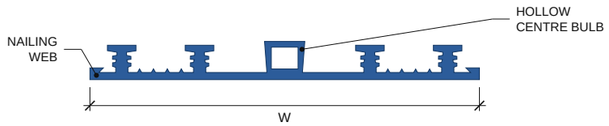


3 SECTION ON THE JOINT AT WALL / SLAB

VIEW ON THE FILLERBOARD FACE – CONTINUOUS WATERSTOP – NOT TO SCALE



UNISTOP IEJ – INTERNAL EXPANSION JOINT



UNISTOP EEJ – EXTERNAL EXPANSION JOINT

W = 150 / 200 / 250 / 320 mm (REFER TO TDS)

Outlines from UNISTOP shop drawings WTS E02 / EE04 (250mm shown)

4 PROFILES

NOT TO SCALE

GENERAL NOTES (FOR GUIDANCE ONLY)

1. Use expansion profiles (IEJ / EEJ) at expansion joints. Construction profiles (ICJ / ECJ, UR-ST-01) have no centre bulb and must not be used at expansion joints.
2. IEJ centred on the joint – centre bulb on the joint line, half in each pour – wire-tied to reinforcement through the edge eyelets; formwork clamps it in position.
3. EEJ laid on blinding, ribs up, centre bulb on the joint line, nailed through the outer web to the stop-end formwork.
4. Cast the 1st pour, fix UNIFLEX PE full depth either side of the IEJ bulb (on top of the EEJ bulb), then cast the 2nd pour directly against the fillerboard.
5. Seal the exposed faces with UNISEAL; W > 12mm: W:D = 2:1 (UR-SL-01). UNIFLEX PE is a natural bond breaker – no tape needed.
6. All joints heat-welded with jig and heater blade; use factory intersections (UR-ST-02). Lapped or taped joints are not acceptable.
7. Profile width, joint width and layout as per engineer. TDS guideline: 250mm thick and above – 250mm profile; thinner – 150 or 200mm.

LEGEND

- Concrete
- Lean concrete
- UNISTOP PVC waterstop
- UNIFLEX PE fillerboard
- UNISEAL joint sealant
- Reinforcement
- Heat-welded joint

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REVISIONS

REV	DATE	DESCRIPTION
0	30/10/26	FIRST ISSUE
A	12/11/26	EEJ CENTRE BULB SHOWN HOLLOW

PRODUCT
UNISTOP PVC WATERSTOP
IEJ (INTERNAL) / EEJ (EXTERNAL EXPANSION)
UNIFLEX PE FILLERBOARD / UNISEAL

DRAWING TITLE
UNISTOP PVC WATERSTOP EXPANSION JOINT PROFILE SECTIONAL DETAILS

DRAWING NO.
UR-ST-07

REV
A

SCALE	SIZE	DATE	DRAWN
NTS	A3	12/11/26	UR

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