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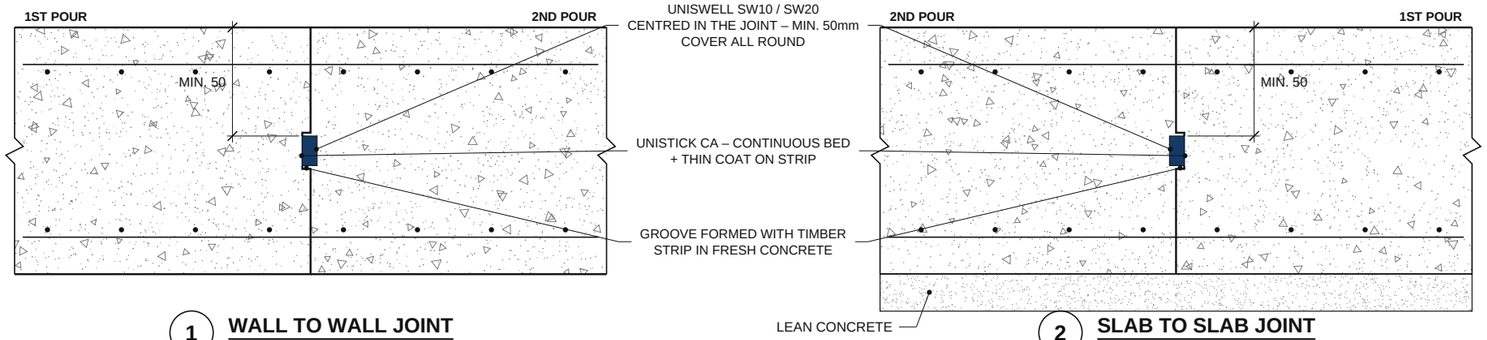
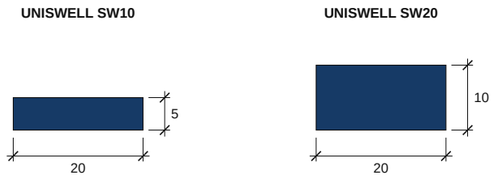


1 WALL TO WALL JOINT

VERTICAL CJ – PLAN – NOT TO SCALE

2 SLAB TO SLAB JOINT

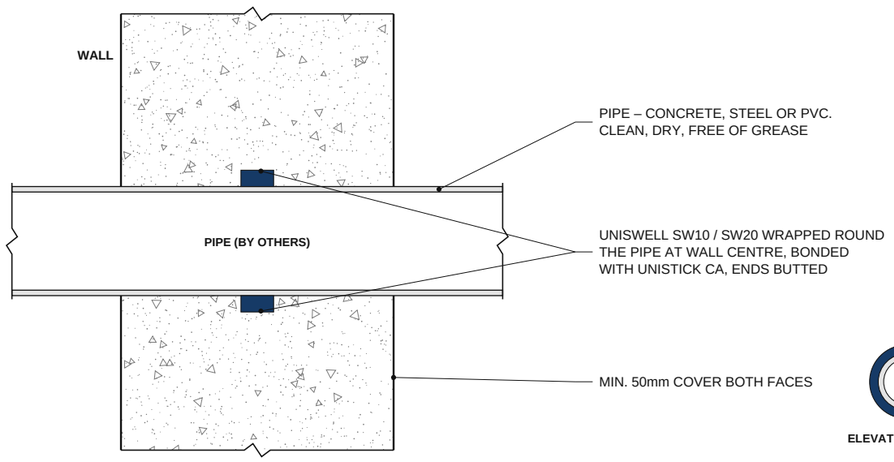
CONSTRUCTION JOINT – SECTION – NOT TO SCALE



Dimensions in mm (TDS). Selection as per engineer – min. section 150mm.

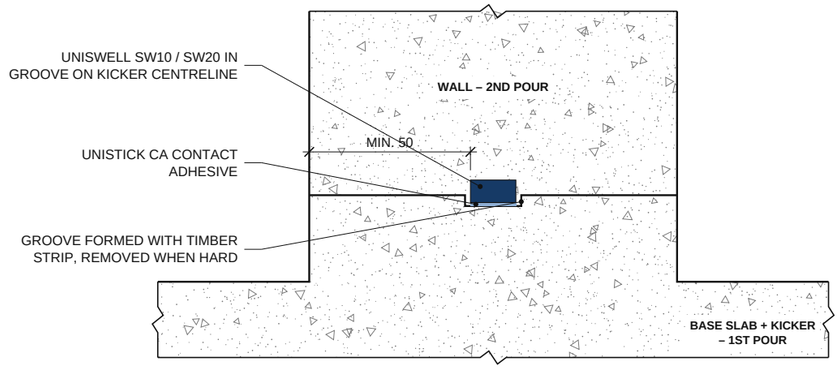
5 PROFILES

ENLARGED



3 PIPE PENETRATION

SECTION THROUGH WALL – NOT TO SCALE



4 KICKER TO WALL JOINT

SECTION – NOT TO SCALE

UNISWELL RANGE (REFER TO TDS)

	SW10	SW20
Base material	Chloroprene rubber	Chloroprene rubber
Size	20 x 5mm	20 x 10mm
Roll / carton	20m roll, 8 / carton	10m roll, 8 / carton
Hardness	45 Shore A	45 Shore A
Tensile strength	4.67 MPa	4.67 MPa
Elongation	850%	850%
Expansion (ASTM D471)	> 300%	> 300%
Hydrostatic head	70m	70m
Service temperature	-30 to 50°C	-30 to 50°C
Adhesive	UNISTICK CA, approx. 20 – 30m / litre	

GENERAL NOTES (FOR GUIDANCE ONLY)

1. For non-movement construction joints only, fully contained in the joint. Not for expansion joints or sections less than 150mm wide.
2. Concrete min. 20 N/mm². Min. 50mm clear cover from every concrete face.
3. Joint surface clean and free from dust, oil, grease, organic growth and release agents. In fresh concrete, form a groove on the joint centreline with a timber strip and remove it once hardened. Nails may be used only if the substrate holds them without damaging the strip.
4. Brush a continuous bed of UNISTICK CA about 30mm wide along the line and a thin coat on the strip. Wait 5 – 20 min, then press firmly.
5. Butt joints and intersections with full face contact – no gaps. Pipes: wrap one full turn at wall centre and butt the ends.
6. Cast the next pour once the adhesive is dry; compact and vibrate well around the strip. If the strip has pre-swollen from rain or groundwater, dry it out or replace it before concreting.
7. UNISWELL SW47 is a separate range – see UR-SW-01, UR-SW-02 and UR-SW-03.

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REVISIONS

REV	DATE	DESCRIPTION
0	29/10/26	FIRST ISSUE

PRODUCT
UNISWELL SW10 / SW20
UNISTICK CA CONTACT ADHESIVE

DRAWING TITLE
UNISWELL HYDROPHILIC WATERSTOPS – CONSTRUCTION JOINT DETAILS

DRAWING NO.
UR-SW-04

REV
0

SCALE	SIZE	DATE	DRAWN
NTS	A3	29/10/26	UR

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