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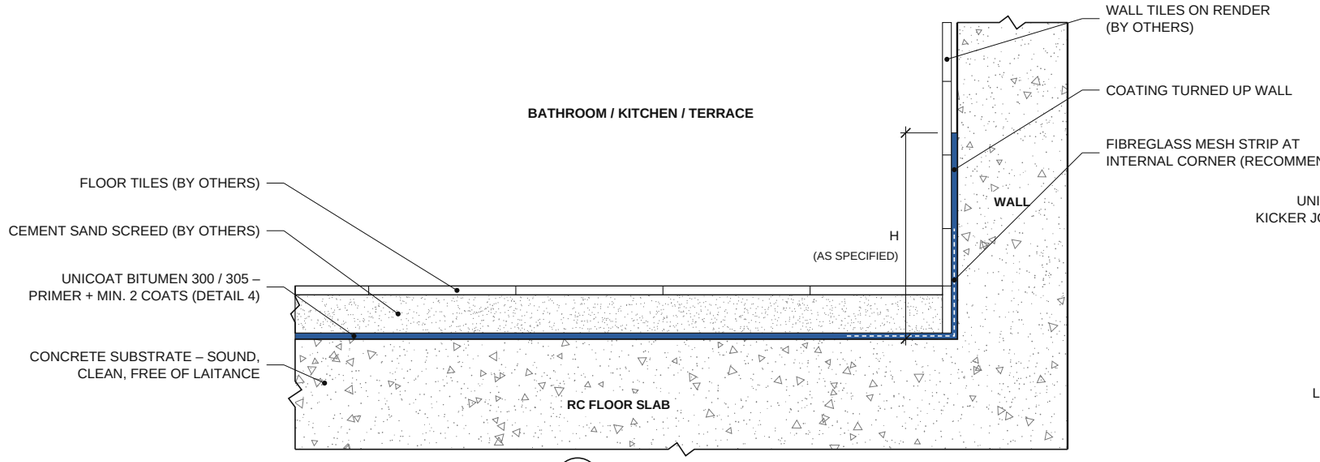
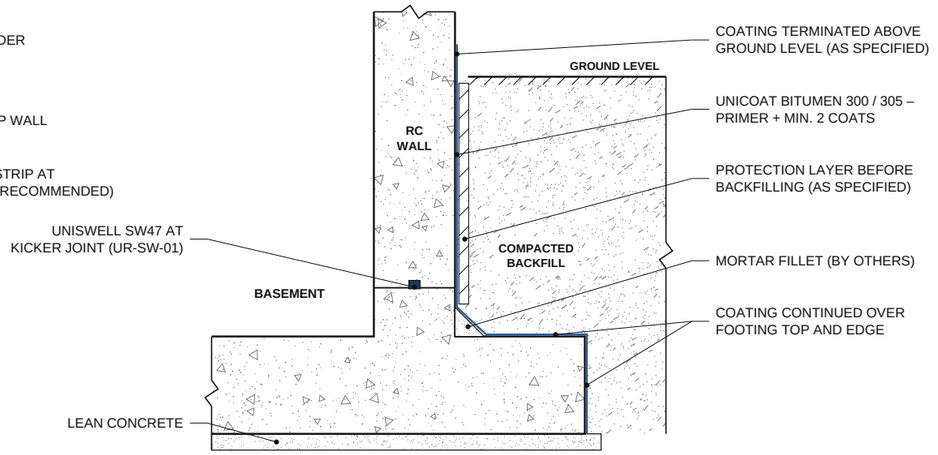


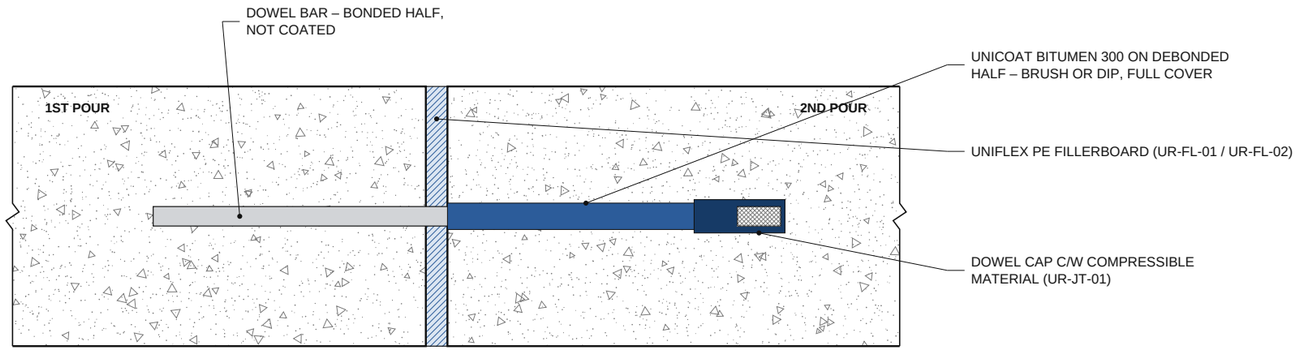
1 WET AREA FLOOR

BATHROOM / KITCHEN / TERRACE – NOT TO SCALE



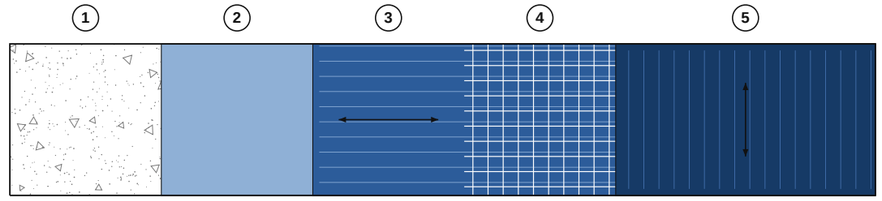
2 BASEMENT / RETAINING WALL

EXTERNAL FACE – NOT TO SCALE



3 DOWEL BAR DEBONDING

SECTION AT JOINT – NOT TO SCALE



1. SUBSTRATE PREPARED – SOUND, CLEAN, REPAIRED
2. PRIMER COAT – 300 DILUTED WITH WATER / 305 UNDILUTED (SEE TABLE), DRY FULLY
3. 1ST COAT – BRUSH WELL IN, STRIKE OFF IN ONE DIRECTION
4. FIBREGLASS MESH (OPTIONAL) – LAID INTO THE WET 1ST COAT, PRESSURE-ROLLED
5. 2ND COAT AT RIGHT ANGLES AFTER 1ST COAT IS DRY; 3RD COAT IF MORE BUILD-UP NEEDED

4 COATING SEQUENCE

STEPPED PLAN – NOT TO SCALE

UNICOAT BITUMEN 300 / 305 (REFER TO TDS)

	BITUMEN 300	BITUMEN 305
Base	Water based	Solvent based
Material	Rubberized bitumen	Solvent rubberized bitumen
Specific gravity	0.99 @ 25°C	0.89 @ 25°C
Solid content	55 – 56%	55 – 56%
Setting time	8 hours (climate dependent)	2 – 4 hours (climate dependent)
Primer coat	Dilute 30 – 50% water, 0.5 L/m²	Do not dilute, 0.10 – 0.20 L/m²
Coverage per coat	Approx. 0.75 L/m²	Approx. 0.10 – 0.20 L/m²
Service temperature	10 – 50°C	10 – 50°C
Packing	5 / 20 L pail, 200 L drum	5 / 20 L pail, 210 L drum
Special	Submerge after 5 – 7 days	Flammable – no naked flame

LEGEND

- Concrete
- UNICOAT BITUMEN 300 / 305 coating
- UNICOAT primer coat
- Screed / lean concrete
- Backfill
- UNIFLEX PE fillerboard
- UNISWELL SW47 / dowel cap

GENERAL NOTES (FOR GUIDANCE ONLY)

1. Surfaces structurally sound, clean, free of dust, grease, curing compound, paint, laitance and loose material. Repair honeycomb and damaged concrete with repair mortar before coating.
2. Prime first, then apply min. 2 coats by brush or squeegee, each coat at right angles to the previous one. Let each coat dry fully.
3. Fibreglass mesh (optional) improves durability – lay into the wet 1st coat and press in while applying the 2nd coat.
4. Protect from rain until fully cured. Do not apply against moving water. Protect the coating before backfilling or screeding.
5. BITUMEN 305 is solvent based and flammable – keep away from sparks, naked flame and heat; ventilate enclosed areas.
6. Coating system, thickness and upturn height as specified by the engineer.

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REVISIONS

REV	DATE	DESCRIPTION
0	29/10/26	FIRST ISSUE

PRODUCT
UNICOAT BITUMEN 300 (WATER BASED)
UNICOAT BITUMEN 305 (SOLVENT BASED)

DRAWING TITLE
UNICOAT BITUMINOUS COATING – TYPICAL APPLICATION DETAILS

DRAWING NO. **UR-CT-01**

REV **0**

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

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