



# Installing a linear trench drain with the Wondercap Kit

CONCRETE FLOOR  
CONSTRUCTION  
RENOVATION

100MM / 80MM / 50MM

## Installing the Wondercap flange

### Step 1.

Cut drainage riser so that the Wondercap flange is 10mm below the desired level of the shower & floor waste— allow for a positive fall to shower and floor wastes. Note: Allow 50mm below the top of the Wondercap flange + the 10mm for the fall from the pipe riser to ensure the kit finishes at the correct height.

### Step 2.

Clean, prime and solvent weld (blue glue) the flange tail to the drainage pip. Insert the base into the waste riser. Ensure the base sits flush with the floor.

### Step 3.

Ensure the foam ring is around base and set in the flange prior to concrete slab pour.

### Step 4.

Pour concrete slab and screed a smooth fall to the Wondercap

### Step 5.

Clean the top of the flange with a damp sponge for waterproofing membrane adherence.

## Waterproofing detail

### Step 6.

Clean and prepare the surface ready for waterproofing and remove the base and foam ring from the flange and set aside.

### Step 7.

Apply the waterproofing membrane as per manufacturer's instructions and requirements.

### Step 8.

Apply the waterproofing membrane as required to wet areas. Finish the waterproofing membrane over the lip of the flange and into the recess.

**WARNING: DO NOT APPLY WATERPROOFING MEMBRANE DOWN DRAINAGE PIPE**

## Bedding & Tiling detail

### Step 9.

Reinsert the base into position once the waterproofing has been completed and calculate the finished floor level, allowing for the trench drain height and raise the base to the desired tile height.

### Step 10.

Use bedding mix to secure the base at the correct height and build a surrounding pad for the trench grate to sit on as per set up instructions.

### Step 10.

Using a matching hole-saw drill, drill an appropriate sized hole in the cap to allow the trench drain spigot to pass through as per set up instructions.

### Step 11.

Build up the bedding around the trench grate to secure it in place, allowing for tile height and create a fall to the drain as per set up instructions.

### Step 12.

Apply grout and tile as per requirements.

