

INTERNAL RAINWATER OUTLET - Refurbishment Outlet

Rainwater outlets should be of the correct design & of sufficient size so that the opening is not restricted by the application of the waterproofing system. Roof drainage layout must comply with BS EN 12056-3:2000. Install additional rainwater outlets as required to ensure any standing water is within BÖRNER Technical Services recommendations.

Protect all outlets from any ingress of debris as a result of the roofing works, ensuring any such protection is removed upon the detailing being completed or during non-operational periods.

Remove any existing clamping rings, domes and gratings from existing rainwater outlets & dispose of site.

To improve drainage, create a sump detail minimum 500mm x 500mm around the outlet position by installing a minimum 30mm thickness of insulation in this location. Install Insulated Hard Edge or a treated timber stop batten (minimum 100mm wide), of a thickness 10mm less than the main roof insulation around the sump perimeter to protect the edge of the insulation; to be mechanically fixed to the roof substrate, or adhered in a suitable PU Adhesive (internal use of hard edge only).

Apply sufficient coats of the specified BÖRNER PRIME COATING to the detail including the flanges of the existing outlet as indicated.

Apply the specified BÖRNER Vapour Control Layer to the primed surface & dress as indicated.

Apply the specified PIR Insulation to the Vapour Control Layer, to be bonded as per BÖRNER Specification Proposal.

Provide 50mm x 50mm specified BÖRNER Angle Fillets as indicated.

Apply the specified waterproofing detailing fully bonded to the detail and dressed into the existing outlet as indicated.

Install new Refurbishment Rainwater Outlet, ensuring that the expansion mechanism is correctly applied to create a positive seal to the existing down-pipe. Prime the flange of the new outlet with the specified primer.

Apply the specified BÖRNER Cap Sheet fully bonded to the detail and sealed onto the flange of the new outlet as indicated.

On completion fix the associated clamping rings & domes/gratings/leaf guards. All rainwater outlets & drainage should be checked upon completion of the works to ensure that they are free flowing.

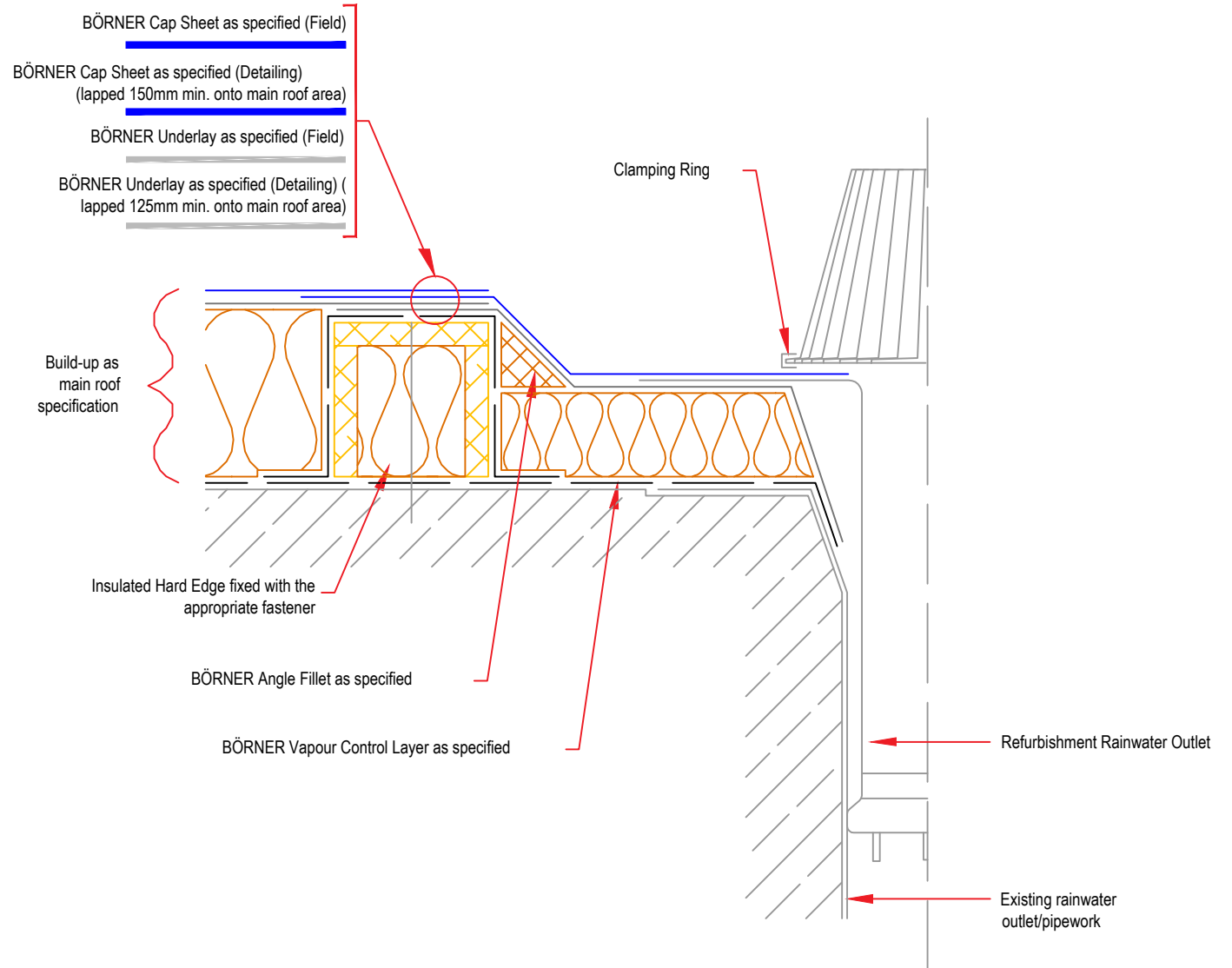
NOTES:

All details to be installed in accordance with BS8217, BS6229, and BÖRNER recommendations. All

waterproofing detailing must be undertaken as two layers and as separate items.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

During the application of all bitumen membranes a visible bead of bitumen must be exuded from all side and end laps.



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This detail is representative of a typical situation and provided for illustration purposes. Insulation thickness shown may differ in accordance with specifiers U value requirement.

**Standard
Detail**

Drawing Title:

Internal Rainwater Outlet - Refurbishment Outlet

Date:
2018

Notes / Revisions:

Drawing No.

D3

Scale:
NTS

Drawn By:
BÖRNER



BÖRNER. Systematically sealed.

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