

Detail considerations

General detailing

In the case of concrete, brickwork and similar substrates a 2-coat mastic asphalt waterproofing skirting is applied to all upstands to a nominal thickness of 13mm and a minimum height of 150mm. A 2-coat angle fillet should be formed at the junction of the vertical and horizontal waterproofing.

The top of the skirting is splayed and turned into a chase 25mm x 25mm unless the waterproofing continues horizontally. In certain circumstances differential movement between the parapet and structural deck must be catered for by the provision of a free-standing upstand and cover flashing.

Expansion joints

Where the design calls for a controlled gap in the structural slab a proprietary expansion jointing system must be included through the finishings.

Protrusions

Concrete plinths should be cast off the structural slab to accommodate crash barriers and handrail stanchions etc. The detail should be at least 150mm high and be weathered with mastic asphalt waterproofing and protected with a metal apron flashing.

Rainwater outlets & drainage channels

All rainwater outlets and drainage channels must be designed specifically for use with a mastic asphalt system and be capable of accepting all anticipated wheel loadings.

