

NEW CUSTODY SUITE, MAIDENHEAD POLICE STATION



The new roof over the custodial suite at Maidenhead Police Station may not be very big - but it is very strong.

The roof deck is constructed in concrete block and beam, the parapets surrounding the roof lights are also concrete, and the roof lights themselves are concrete 'laylights' which oversail the upstands by over 200mm all round and which are so heavy they needed to be lifted into position by crane.

Midland Felt Roofing were awarded the roofing contract by The Police Authority in July 2006. Permanite's Superbar felt VCL was laid over the block and bar deck onto which was installed a tapered cut-to-falls factory bonded IKO PIR Insulation layer.

A particular feature was the gutter which ran the length of the roof alongside the parapet which needed a cut-to-falls IKO insulation scheme from approx 100mm to 20mm over a 13m length - this very precise angle was achieved to deliver efficient drainage.

Upstands were lined in ply and dressed with SpectraPlan SG120 in Dark Grey and welded to the same membrane over the roof surface which was fully adhered using Spectrabond low foaming PU adhesive. Metal trims to the parapet edges were Spectraclad coated metal.

The project was completed in September 2006 and was delivered with the benefit of a ten year materials and workmanship guarantee.

Project Sector: Police Authority
System: SpectraPlan Adhered
Products Used: SG120
Tapered IKO PIR
Spectrabond PU
Spectraclad Coated Metal
Contractor: Midland Felt Roofing
Started: July 2006
Completed: September 2006
Size: 300m

