Project Details

This two-storey office in West Sussex (home to the Born Free Foundation) features an inner courtyard of 300m^2 serving as an outdoor recreation area. MPS were tasked with creating a waterproof deck allowing for rainwater run-off, waterproofing the landscaping using planters and safeguarding the working offices located directly beneath the area.
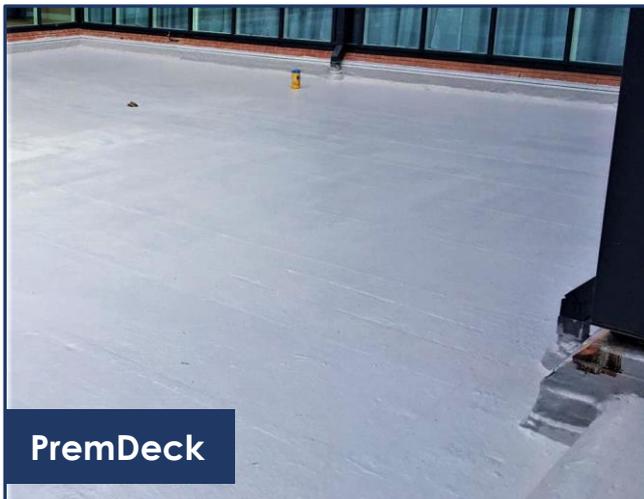

Broadlands, Horsham

The Challenge

MPS were approached by contractors LDD Construction to tackle the specialist installation of the deck which would form the primary waterproofing protection for this area. The challenge was the location and the heat – access was restricted through a narrow reception area only, and the MPS team worked in heat of 30 plus degrees centigrade. As resin is temperature sensitive, getting the PUDLO PremDeck application right and within a narrow time frame, would prove crucial to the project's overall success.

The MPS Solution

Primer was roller-applied across the slab on clean concrete and the surrounding brickwork on a tapered rise around the sides of the deck which included working around pipes and other detail elements. It was important to achieve a glass-like finish before applying the PremDeck above this layer.

PremDeck

The PremDeck goes on in two layers. The first is a resin with fibre mat combination with another layer of resin above the top. Then comes the finishing topcoat which dries hard but allows some flexibility from the fibres.

After a two-week drying off period, followed by a leak check that was independently carried out, MPS were satisfied the landscapers could move in to complete their planting scheme. Finally, a beautiful steel sculpture was reinstated to finish off the look.

No margin for error

PremDeck is a resin that goes off quickly, especially at high temperatures. It's therefore crucial that when working to the limits of its temperature range that installers are fully trained and skilled in its application. MPS proved they more than met the challenge.

Contact us on
T: 07527 245718 or 07701 320110
E: SalesMPS@mpsconcretesolutions.co.uk