

Case History: X-Shield ProFlex One Sheikh Khalifa Stadium, Qatar

The Problem:

This stadium is the largest indoor stadium in the world and was constructed as the main indoor stadium for the 2006 Asian Games. Due to the complexity of the cladding design many of the gutters were unsuitable for the specified Hypalon® sheet membrane to be used as it requires to be cut, welded and glued. In addition the gutters had many penetrations. The cladding



sub contractor required a fast cure liquid membrane as many other trades were on the roof and we jumping in and out of the gutter. This traffic would damage a conventional liquid membrane as it would need more than 24 hours to cure.

The Solution:

X-Shield ProFlex One was used in conjunction with X-Shield ProPrime M and X-Shield CrackMat to provide a UV resistant liquid applied membrane that cured in less than 6 hours to provide a tough elastomeric membrane that was robust enough to be walked on. Any damage to the membrane from tools or impact could be easily repaired by simply wiping the surface clean with solvent and adding another coat of ProFlex One.

10 YEAR NO LEAK WARRANTY