



'Watertight by Design'



Aviva Studios, Manchester (Factory International)

Case Study

This 13-acre regeneration project around the old Granada TV studios in Manchester is now the home of Factory International, known as Aviva Studios. This prestige project's architect was Ellen van Loon, partner in OMA (Office of Modern Architecture), who designed the buildings to create an eclectic environment, including striking and complex architectural facades, using industrial styled cladding with corrugated metal panels and exposed concrete surfaces.

The structural movement joints in the external façade and walls, as well as in some of the floor slabs, had to be designed to accommodate not only significant movement (+/-50% or more), whilst maintaining watertightness, but also to be CE certified fire resistant for at least 2 hours. It was also essential to maintain the high acoustic soundproofing and thermal insulation of the building across the façades.

Emshield-DFR/WFR-2 from NCC Movement Joints Limited was the ideal solution, quickly installed as a complete system to meet all the specified requirements in a single solution, with no mechanical fixings, and without disrupting other trades. The Emshield system was installed by TECL (Thermal Engineering Contracts Ltd) as the acoustic and firestopping specialists on the project, as well as by the specialist façade manufacturers, Lindner Prater.

The Aviva Studio complex is the first 'public' project by OMA in the United Kingdom, and is regarded as the most ambitious cultural development in Manchester for many years.



Client:

Factory International

Architect

OMA (Office of Modern Architecture)

Specialist Contractor

Thermal Engineering Contracts Ltd
Lindner Prater

Main Products Used:

Emshield DFR / WFR-2

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