



MSD Pharmaceuticals (formerly Takeda-Shire), Dublin, Ireland

Case Study

MSD, a subsidiary of the top US pharma group Merck, added this new state-of-the-art biologics plant in Dunboyne, Co Meath to its portfolio, when they acquired it from Takeda Pharmaceuticals of Japan, as it was surplus to their global requirements after taking over Shire Pharmaceuticals.

During the construction of this project in 2017 there was an issue regarding how to make an efficient watertight seal between the aluminium faced wall and façade cladding around the facility, especially when the areas inside were designated for Clean Room Conditions. The joints had to be securely watertight and airtight, provide acoustic insulation and safely accommodate the anticipated high levels of thermal movement.

Jacobs engineering had the answer from their work on previous high-tech manufacturing plants and specified the use of the Emshield WFR-2 system to be installed in all these critically important façade joints, which was done by the cladding team from Siac, following site training from NCC.

The Emshield WFR-2 System is a CE-marked, ETA-certified, up to 4-hour fire-rated, double-sided silicone-faced movement joint sealing system. They provide a watertight seal with 100% movement capability, thermal insulation, UV stability, and colour coordination within vertical or horizontal substrates. Emshield WFR CE is designed to be used in movement joints in both exterior and interior walls where a combination of watertightness, fire-rating, sound attenuation and thermal-efficiency are required – One install does it all.....!



Client:
Shire Pharmaceutical Inc.

Consultants:
Jacobs Engineering (CH2M)

Contractor:
SIAC (Ireland) Ltd

Main Products Used:
Emseal WFR-2 System

For More Information:
NCC Movement Joints Ltd
01257 266696
technical@nccinaction.co.uk
NCCmovementjoints.co.uk

