

Supply of ANSYS and CivilFem Software

Sir Robert McAlpine undertake a wide range of building and civil engineering projects that demand cutting-edge solutions. To continue promoting innovation and to meet their complex key objectives, they need the most advanced software. Wilde Analysis supplied ANSYS and CivilFEM, the most advanced software package available for structural engineering projects.

Company

Sir Robert McAlpine is a leading UK building and civil engineering company. Family-owned, it has a wealth of experience accumulated over more than 140 years. The company works with clients across all the major market sectors, and has forged a reputation for innovation and quality.

Challenge

Sir Robert McAlpine undertake a wide range of building and civil engineering projects that demand cutting-edge solutions. To continue promoting innovation and to meet their complex key objectives, they recognise the need for the most advanced software to underpin their work.

Solution

Wilde Analysis supplied ANSYS and CivilFEM, the most advanced, comprehensive and reputable finite element analysis and design software package available for structural engineering projects. CivilFEM performs the best customisation of ANSYS, combining the state-of-the-art general



Courtesy: Sir Robert McAlpine

purpose structural analysis features of ANSYS with high-end civil engineering-specific structural analysis capabilities, making it a unique and powerful tool for a wide range of civil engineering projects.

Business Benefits

Sir Robert McAlpine continue to experience the many advantages of using ANSYS and CivilFEM, including:

- Reduced project risk
- Improved safety and quality
- Reduced waste and increased prefabrication
- Cost savings
- Improved planning and design.

These benefits have come to the fore in recent high-profile projects, such as the Bloomberg, Cheyne Terrace, Buckinghamshire Energy from Waste, Cabot Circus in Bristol, the M74 Completion in Glasgow and the Olympic Stadium, Offshore Wind Turbine Structures in North Sea, and New Generation Nuclear Power Stations.

““ The software has brought us many advantages, not least reduced project risk, cost savings and improved safety and quality. Wilde underpins their software supply with excellent technical support and this enables us to develop our in-house knowledge and to get the most out of our software.