

Royal College of Surgeons, Co. Dublin

Developer: The Royal College of Surgeons

Contractor: Bennett's Construction

Architect: Henry J Lyons

Civil & Structural Engineer: O'Connor Sutton Cronin

Sector: Educational

Region: Leinster

Year of Completion: 2025

The RCSI Education and Research Building showcases the structural, architectural, and sustainable potential of concrete. The project features a range of exposed structural elements, textured finishes, and polished concrete surfaces that highlight concrete as both a functional and aesthetic material.

Kilsaran supplied the Ready-Mix Concrete, Cemfloor Screed, Concrete Blocks, KPRO Masonry Mortar, and KPRO Street products used throughout the project, supporting the delivery of the high standards required for this landmark development.

Located in a busy urban setting, the project required careful coordination of materials and deliveries to maintain progress on a constrained site. At the same time, the architectural design placed a strong emphasis on exposed concrete finishes, requiring exceptional consistency in mix design, placement, and quality control. Kilsaran worked closely with Bennet Construction to ensure a reliable supply of high-quality materials throughout the build. Kilsaran also supplied concrete packages to specialist Piling Contractor PJ Edwards & Hegarty Demolition during the site development stage.

The building features a striking variety of exposed concrete columns, including Y-shaped, square, and diamond-shaped forms that act as both structural supports and architectural focal points. Throughout the building, in-situ stair cores and board-marked concrete walls surrounding key areas such as lift shafts and the auditorium, introduce texture and visual depth. On Level 2, a polished concrete floor using a bespoke Kilsaran mix with crushed gravel provides a clean, reflective finish that enhances the interior aesthetic.

The completed building highlights the versatility and visual impact of Kilsaran concrete. Through reliable supply, tailored mixes, and close collaboration with the project team, Kilsaran helped deliver a complex and architecturally ambitious development.

Kilsaran

PRODUCTS

Concrete Products & Aggregates:

- Ready-Mix Concrete
- Cemfloor
- Concrete Blocks
- KPRO Masonry Mortar
- KPRO Street

KPRO

- KPRO Masonry Mortar
- KPRO Street

