

## 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 exemplifies expertise in leveraging concrete's structural, aesthetic, and sustainable potential. We supplied the ready-mix concrete and concrete blocks used on the project. The delivery of intricate exposed elements, columns, walls, and polished floors demonstrates unparalleled craftsmanship, while their management of a logistically complex urban site and integration of sustainable materials set a new standard for concrete construction.

The building showcases an impressive variety of exposed concrete columns, including striking Y-shaped, square, and diamond-shaped forms. These elements serve as both structural supports and strong architectural focal points. Bennett's meticulous approach ensured crisp lines and flawless finishes that highlight the sculptural capabilities of our concrete.

Throughout the building, the in-situ stair cores present smooth, consistently high-quality concrete surfaces. Their seamless integration reflects exceptional attention to detail and rigorous quality management at every stage of the pour. Board-marked concrete walls surrounding key areas such as the lift shafts and auditorium showcase a beautifully textured finish, introducing warmth, texture, and visual interest to the space.

On Level 2, Bennett's delivered an extensive polished concrete floor that showcases both technical expertise and architectural finesse. Using a bespoke Kilsaran mix incorporating crushed gravel, the team achieved a clean, reflective finish that elevates the building's interior aesthetic. The precision of their placement, compaction, and finishing methods ensured a seamless, high-performance surface that is as durable as it is visually striking.

### Kilsaran PRODUCTS

#### Concrete Products & Aggregates:

- Ready-Mix Concrete
- Concrete Blocks

