

CASE STUDY

ROYAL DERBY HOSPITAL – THREE NEW CARDIAC CATHETERISATION LABORATORIES



Royal Derby Hospital, part of **University Hospitals of Derby and Burton NHS Foundation Trust**, has expanded its cardiac services with the construction of **three new state-of-the-art Cardiac Catheterisation Laboratories**.

Delivered by main contractor **Skanska**, the project involved infilling an existing internal courtyard within the live hospital estate to create a purpose-built clinical suite equipped with the latest

interventional cardiac imaging technology. The completed facility now provides three fully operational catheter theatres, enabling the Trust to deliver advanced cardiac procedures and life-changing care to patients across Derbyshire and the surrounding region.

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OUR CONTRIBUTION

Midland Lead was proud to support this technically demanding healthcare project by supplying specialist radiation-shielding materials for the new catheter laboratories.

Our supply included:

80 Code 4 Lead-Lined Plasterboards

These specialist boards formed part of the comprehensive radiation protection system required throughout the new clinical suite, helping to create safe environments for patients, clinicians and neighbouring hospital departments.

THE SOLUTION

Cardiac catheterisation laboratories require robust radiation shielding due to the advanced imaging equipment used during interventional procedures. Our Code 4 lead-lined plasterboards were supplied to support the project's stringent shielding requirements, contributing to the protection of walls, ceilings and other critical clinical areas.

Manufactured to the highest standards, our lead-lined plasterboards provide:

- Reliable radiation shielding for diagnostic and interventional environments
- Consistent quality and dimensional accuracy for efficient installation
- Compliance with the demanding standards of NHS healthcare construction
- Durable performance suitable for long-term clinical use

OUTCOME

Midland Lead is proud to have supplied specialist lead-lined plasterboards for this flagship NHS development. The Royal Derby Hospital Cardiac Catheterisation Laboratories demonstrate our expertise in supporting complex healthcare construction projects with high-quality radiation-shielding products, helping to deliver modern clinical environments that meet the highest standards of safety, performance and patient care.