SERVICES FOR FACILITIES MANAGEMENT COMPANIES

- Compliance with Building Regulations
- Maintenance Assessments
- Laboratory Testing
- Safety Aspects
- On-Site Testing
- Benchmarking
- Installation & Fabrication Trials
- Condition Surveys
**COMPLIANCE WITH BUILDING REGULATIONS AND STANDARDS**

All new construction projects need to comply with current building regulations. This requires the verification of both standard and non-standard building designs with respect to current standards, European approvals or customized test programs. Our third party, independent verification will aid sign off from building control and guarantee companies.

**LABORATORY TESTING**

Individual structural components or full scale mock-ups/simulations can be tested in our laboratories to ensure their fitness for structural and durability performance. This ensures that non-standard and standard systems are fit for use in the environment they are intended to be used in.

**ON-SITE TESTING**

In addition to laboratory testing, which shows that a system or solution can satisfy the design criteria, we also perform on-site testing. This is critical to verify installation workmanship and prove on-site performance in unknown construction types, particularly in relation to change of use.

**CONDITION SURVEYS**

Condition surveys are necessary to monitor and flag up any problems with the structural, aesthetic or durability integrity of a building throughout its life. These may be required in order to program in maintenance or repair works, to help maintain the building within the available budget.

**MAINTENANCE ASSESSMENTS**

Many installations have a requirement for maintenance schedules in order to uphold the manufacturer or installer guarantees, or to ensure that the building is working efficiently as a safe and economic environment. We can carry out condition assessments in order to create a maintenance schedule or to advise of retrofitting or refurbishment routes.

**SAFETY ASPECTS**

Although standards and building regulations ensure certain levels of performance for systems or products used in construction, long-term use or poor installation can have a detrimental effect on performance. We provide surveys and testing programs to ensure live buildings are still safe for public use. These programs can include slip/skid of floors, balustrade stability, cladding integrity and structural connections assessments.

**BENCHMARKING**

Material properties and characteristics can be benchmarked to allow generic products to be used to optimize the use of energy, time or materials. This allows a broader range of products to be sourced with no fear of reduced performance and hence provides a more cost-effective approach to sourcing and buying.

**INSTALLATION AND FABRICATION TRIALS**

At Lucideon, we can verify installation and fabrication processes, and develop alternative techniques to optimize the use of energy, time or materials. These can be carried out at the manufacturing point, in a controlled laboratory environment mock-up facility, or at a real site installation.