

PRODESO[®] Sound / Sound Stick

Impact sound reduction membranes designed to help achieve Building Regulations Part E compliance

For floors separating dwellings, UK Building Regulations Part E requires the completed floor to achieve a measured impact sound result when tested on site. That result is recorded as a sound level in the room below, and it must fall below the Part E limit to pass.

Tiled floors are one of the most challenging finishes to bring into compliance. Their rigid nature efficiently transmits impact energy, leaving little margin for error. PRODESO[®] Sound is installed directly beneath the tiled finish, where impact noise is generated, helping to reduce the transmission of sound into the structure below. By addressing impact sound at source and improving consistency in the floor build-up, PRODESO[®] Sound helps contractors achieve the required test result with greater confidence and without too much floor build up. Where performance margins are tight, the system can be installed in a double-layer configuration to provide additional acoustic headroom and reduce the risk of test failure.



The result? A tiled floor that is far more likely to pass Part E acoustic testing first time, with reduced risk of remedial work or retesting.



Designed for Building Regulations Part E

Engineered to help floors achieve the required tested impact sound levels for new-build and conversion projects in the UK.



Decoupling & Floor Protection

In addition to acoustic performance, the membrane decouples the tiled finish from the substrate, helping to accommodate movement and reduce the risk of tile cracking.



Targets the Measured Result

Part E compliance is based on the sound level recorded in the room below (LnT,w), PRODESO[®] Sound is designed to influence that final measured outcome.



Standard or Self-Adhesive Installation

Available as PRODESO[®] Sound or PRODESO[®] Sound Stick, allowing installers to choose the most efficient installation method for the substrate and site conditions.



Performance Headroom When Needed

Where acoustic limits are tight, installing the system in a double layer can deliver approximately 30% additional impact sound reduction, providing a compliance safety margin.

A compliance tool - not just a sound membrane

PRODESO[®] Sound is designed to support contractors in achieving a specific, tested outcome under Building Regulations Part E. By reducing impact sound directly beneath tiled finishes and offering a scalable performance solution, it helps minimise risk, improve predictability, and deliver compliant floors with confidence.