Qubi Acoustic Floor Board 28F

Features

The Qubi Acoustic Floor Board is a sound-reducing floor panel designed for use either as a structural flooring element or as an overlay board. When installed as an overlay, the Qubi Felt resilient layer can be added to compensate for any unevenness on the board's surface.

This panel delivers excellent acoustic performance in both renovation and new construction projects when integrated into a sound insulation system for separating floors. Additionally, it serves as a suitable base for ceramic tiling when combined with Qubi underlay system. A peel-clean version is also available, allowing builders and developers to ensure a spotless finish during project handovers.

Product Data	
Description	Acoustic Overlay Floorboard
Thickness (mm)	28
Dimensions (mm)	2400*600*28
Resillient Layer	10 mm Qubi Felt
Facing Board	18 mm P5 Chipboard
Weight kg/board	16,80
Edge Detail	T&G4

Acoustic Performance	
Impact Noise L'_{nTw} (dB)	Airborne Noise $D_{nT,w} + C_{tr}$ (dB)
55	52

PART E Compliance

Robust Standard Detail
FFT5 over floor structures EFC-1, EFC-2 and EFS-1

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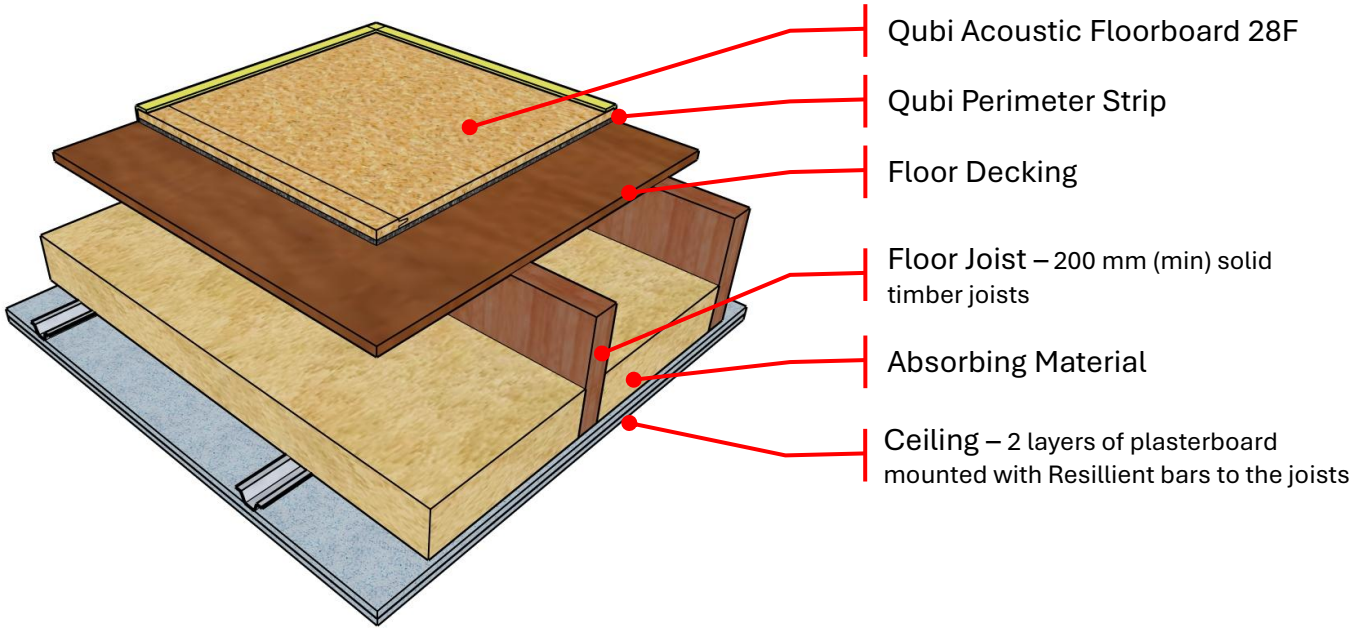

Qubi Acoustic Floorboard 28F Installation Guide

To ensure optimal performance, follow these steps for the proper installation of Qubi Acoustic Floorboard 28F

Preparation

1) Ensure the building is watertight before beginning installation.
2) Check that floors are level, clean, and free of debris.
3) Remove or flatten any protruding nails or screws from the subfloor.
4) Fill any voids between walls and the floor to create a stable surface.
5) Measure the room and cut boards 8-10mm short of the wall to allow space for Qubi Perimeter Strip 30
6) Install Qubi Perimeter Strip 30 around the perimeter to prevent sound transmission between the floor and walls or skirting.

Installation

7) Place Qubi Acoustic Floorboard 28F with the resilient foam layer facing down.
8) Ensure boards are tightly butted together for a secure fit.
9) Stagger the joints, ensuring that the tongue and groove connections fit tightly to eliminate gaps where sound could penetrate.
10) Apply adhesive to all board joints and allow 12 hours for it to cure before walking on the surface.
11) Do not use any mechanical fixings to attach the boards to the subfloor, as this may compromise acoustic performance.
12) Ensure that the floating floorboards do not come into direct contact with walls or structural elements to prevent flanking sound transmission.
13) Once installation is complete, fold the excess Qubi Perimeter Strip 30 over the edge of the boards and secure it beneath the skirting to fully isolate the floor from hard surfaces.
14) Trim any excess material with a sharp knife and seal the junction with acoustic sealant.

Final Steps

Once all boards are installed:
- Remove spacers and ensure that Qubi Perimeter Strip 30 is correctly positioned.
- Any pipes or services that pass through the floor must be acoustically isolated using Qubi Perimeter Strip 30.
- Skirting boards and plasterboard should not be in direct contact with the Qubi Acoustic Floorboard 28F.
- All load-bearing and non-load-bearing walls should be built on the concrete subfloor, not on the Qubi Acoustic Floorboard 28F. Walls must be isolated from the floor using an appropriate isolation strip.
- Trim any excess flanking material before final floor finishes.
- Allow the adhesive to cure fully for up to 48 hours before applying any floor finishes or subjecting the floor to foot traffic.

By following these guidelines, Qubi Acoustic Floorboard 28F will deliver optimal acoustic performance and longevity.

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