

Fibertex F-300M impact sound suppression makes it easy...

Tested effect ...

Multi-storey building in Odense: Impact sound level measurements were taken in two toilets before and after laying the concrete floor.

Impact sound level $L'_{n,w}$ before laying the concrete floor	79 dB
after laying the concrete floor	54 dB
Impact sound suppression achieved	25 dB

The following is the weighted impact sound suppression ΔL_w intended for the effect of the floors on a reference layer of concrete.

Calculated weighted impact sound suppression ΔL_w on the reference layer as defined in EN ISO 717-2:1997	15 dB
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Fibertex F-300M

Easy and effective impact sound suppression for multi-storey buildings

Less noise - improved indoor climate

A good indoor climate is extremely important for our comfort. Uncomfortable noise levels greatly affect our daily lives and our working and home environments.

Impact sound is one of the most important focus areas in relation to multi-storey residential buildings, educational buildings, daycare institutions etc. In broad terms, the impact sound level is the sound level which can be measured in an adjacent room or an underlying room when you walk across the floor.

Fibertex products have been used for impact sound suppression for many years. By using Fibertex F-300M as an underlay on a floated concrete floor, a weighted impact sound suppression of approx. ΔL_w 15 dB is achieved.

This has been verified in cooperation with DB Akustik, a well-known and well reputed danish acoustic engineering company, who took measurements in a multi-storey building in Odense, both before and after laying a floated concrete floor in a toilet.

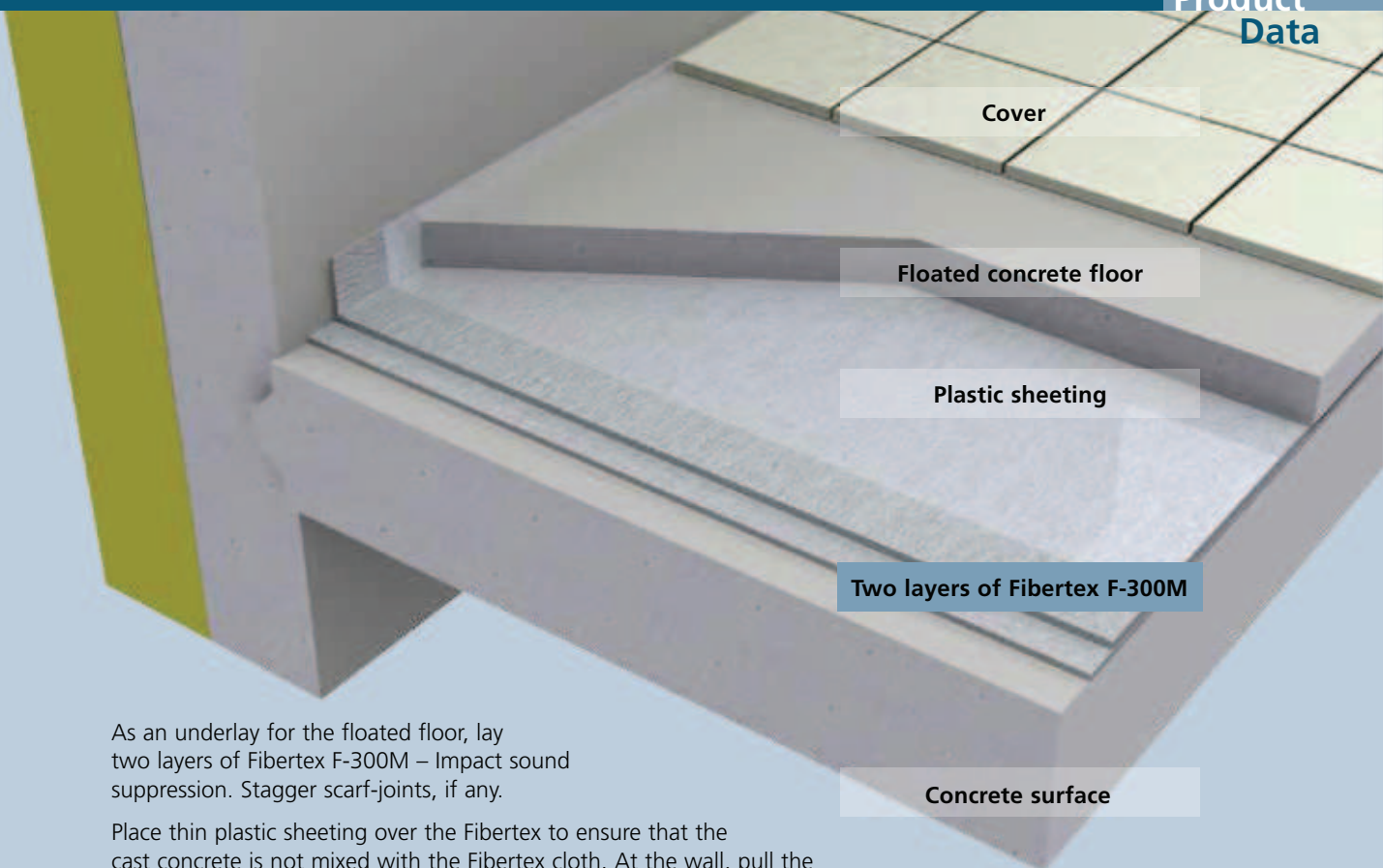
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– and similar places where the impact sound requirements are $L'_{n,w} \leq 58$ dB



As an underlay for the floated floor, lay two layers of Fibertex F-300M – Impact sound suppression. Stagger scarf-joints, if any.

Place thin plastic sheeting over the Fibertex to ensure that the cast concrete is not mixed with the Fibertex cloth. At the wall, pull the upper Fibertex F-300M layer and the plastic sheet up along the length of the wall to ensure separation between wall and floor.

The floated floor can then be laid in accordance with the supplier's instructions.

Quick and flexible fitting – using only a Stanley knife.



1. Lay two layers of Fibertex F-300M over the concrete surface. Stagger scarf-joints, if any.



2. Place a layer of plastic sheeting over the Fibertex F-300M.



3. At the wall, pull the upper Fibertex F-300M layer and the plastic sheet up along the length of the wall.

Fibertex F-300M – Impact sound suppression is available in Handy Rolls of 2×25 m, which are suitable for small jobs – also available in 5×100m.

LISTEN!

**to some good
advice about...**

