

FA Impact 21F in Danske Bank's new premises

Copenhagen, Denmark

Great demands were placed on the acoustics, as the goal was to become sustainability certified with 'LEED Gold v4'. Cowi specified the dimensionally stable and well documented impact noise fabric FA Impact 21F from Fibertex to dampen impact noise between floors and on stairs.

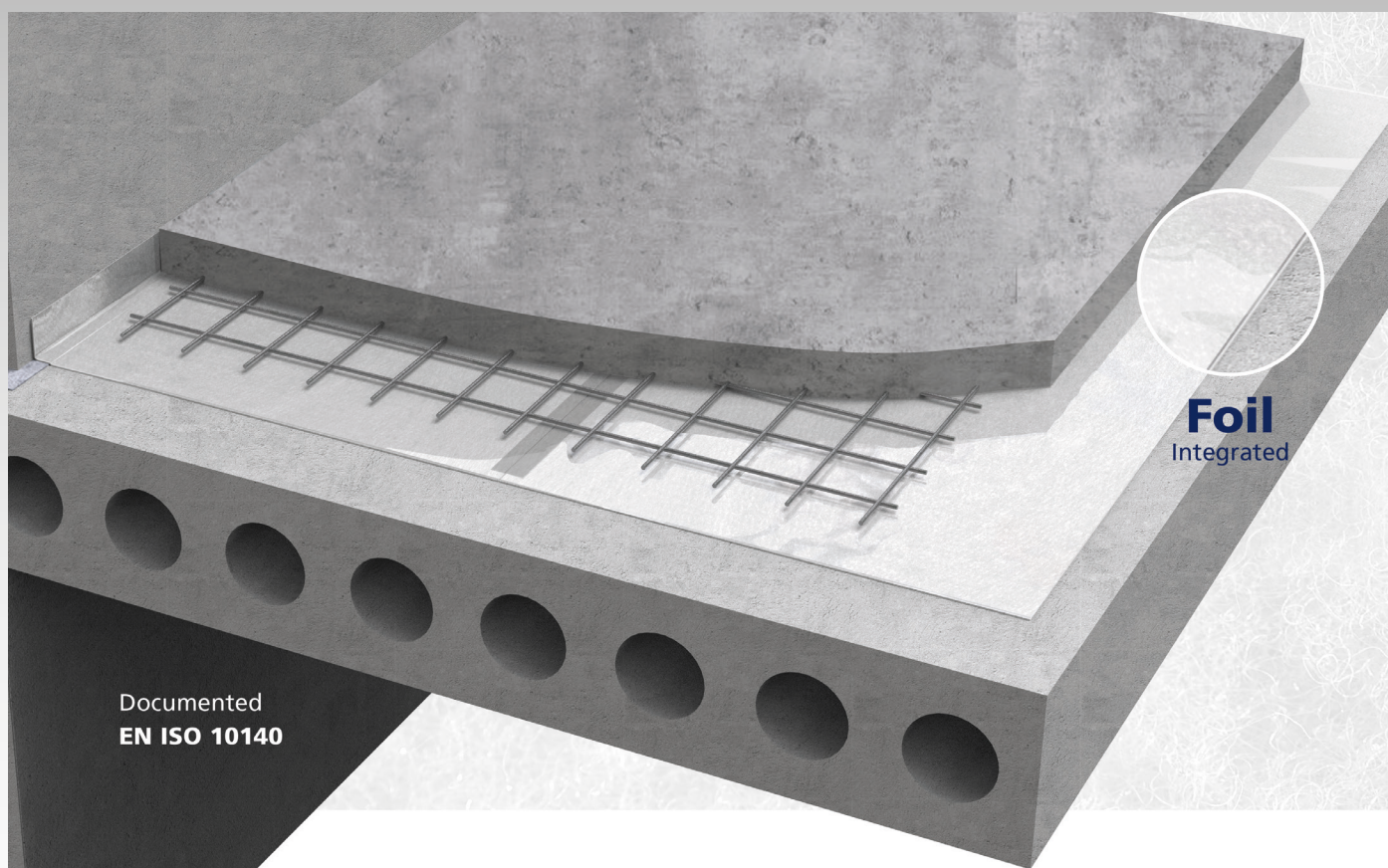
Dansk Belægningssentreprise was responsible for the installation of Fibertex's impact noise fabric and the casting of the finished concrete flooring. The impact noise fabric **FA Impact 21F** (with foil) was chosen for the purpose.

"We received really good advice both in the initial phase and during the execution, and the service Fibertex provides has been highly satisfactory," says Bjarne Hegnsvad from Dansk Belægningssentreprise and goes on to say that "**FA Impact 21F** is a good product that is easy to handle and install. The foil on the role saves an operation. **FA Impact 21F** is also very robust, both in the installation phase and the subsequent transportation and laying of reinforcement."

FA Impact 21F offers the following benefits:

- Up to 39 dB impact noise damping
- Keeps its shape and doesn't collapse
- 100% environmentally & allergy friendly



**Facts:**

Danske Bank's new headquarters at Postgrunden in Copenhagen has a total construction area of approx. 113,000 m² divided into 73,000 m² for premises and 40,000 m² for parking and technology.

Turnkey contractor:	Per Aarsleff A/S
Property developer:	Danica Pension
Engineering consultant:	Cowi
Architectural consultant:	Lundgaard & Tranberg Architects
Floor covering:	Dansk Belægningsentreprise

LEED Gold

The "Leadership in Energy and Environmental Design" (LEED) sustainability certification is an international standard in the design, construction and operation of constructions that create value.

FiberAcoustic® Impact 21F

Product data			
Impact noise reduction	Up to 39 dB	Weighted reduction	21 dB
Thickness	8 mm	Resistance Chemical / biological	100 %
Porosity	85 %	Water absorption	0
Long-term creeping	< 1 mm	Puncture strength	10 kN
Dimensions	1 x 15 m	Roll weight	15 kg
Plastic foil	80 µm		