

FiberAcoustic® 450 in the passenger area of Port of Helsinki

Finland

FiberAcoustic® 450 in black colour has been used behind solid wooden lists as an acoustic fabric in the passenger area of West Terminal 2.

Using FiberAcoustic® 450 offers the following benefits:

- Excellent acoustic properties
- Noise reduction – unique sound absorption properties significantly improves the environment
- State-of-the-art quality, performance and visual appearance
- Fire resistance – classified B-s1, d0

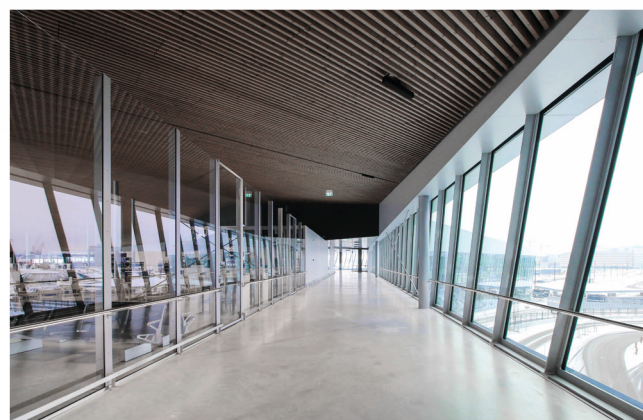
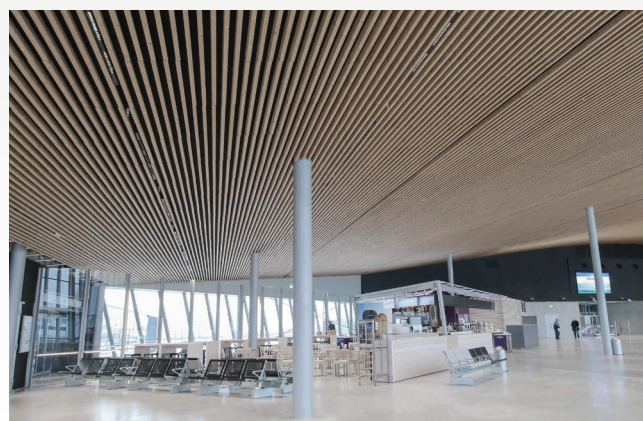
The product is extremely hard-wearing and shock-resistant and will withstand most impacts without being damaged and losing performance.

FiberAcoustic® nonwovens are textile-like and produced using fibres that provide significant benefits compared to competing technologies.

Facts:

Project: Port of Helsinki

Architect: PES-Architects



FiberAcoustic® 450

| Product data | Standard | Unit | Value MD/CD |
|---------------------|------------|-------------------|-------------|
| Max. weight | EN 29073-2 | g/m ² | 450 |
| Max. strength | EN 29073-3 | N | 425/800 |
| Elongation at break | EN 29073-3 | % | 80/55 |
| Thickness | EN 29073-1 | mm | 2.5 |
| Acoustic impedance | | Ns/m ³ | 600 |

MD: Machine direction CD: Cross direction

| Product data | |
|-----------------|--------------------------|
| Fibre blend | 100% FR polyester |
| Length | Standard 40 metres |
| Width | 1150 mm |
| Colour | White, black, coloured |
| Flameretardancy | EN ISO 13501-1: B-s1, d0 |

