

Ahlstrom-Munksjö

FibRoc[®] Flooring

Solutions for Luxury Vinyl Tiles (LVT)

Ahlstrom-Munksjö is a leading, global manufacturer of high performance fiber-based solutions, supplying products to the flooring industry for over 40 years.

Luxury Vinyl Tile (LVT) floorings for residential and commercial use need to be tough, scratch resistant, hygienic and comfortable.

Our proprietary foam forming manufacturing technology, experienced personnel, plus our reliable and extensive product range guarantee production of high quality floorings.

Ahlstrom-Munksjö FibRoc[®] Flooring product range for LVT floorings consist of various types of glass nonwovens.

Benefits

- ✔ **Exceptional dimensional stability and strength** - delivering stability and strength for final flooring product
- ✔ **Controlled rigidity, permeability and thickness** - enabling optimized flooring manufacture
- ✔ **Excellent chemical compatibility and physical structure for LVT processes** - delivering quality and optimized production efficiency
- ✔ **Extensive and sustainable product range** - offering formaldehyde free and biodegradable binder solutions
- ✔ **Versatile manufacturing technology** - enabling flexible development and customized solutions for customers
- ✔ **Security of supply** - several qualified manufacturing platforms

Ahlstrom-Munksjö glass nonwoven product range

Ahlstrom-Munksjö glass nonwovens contain glass fibers and tailor-made binder formulations. Glass fibers in the nonwovens are of various diameters (10–16 microns) and lengths (10–20mm). Ahlstrom-Munksjö nonwovens are used for LVT as well as for calendaring processes. Available in basis weights from 20 to 130g/m².

Typical product references:

| Grade | Description | Basis weight g/m ² | Thickness mm | Air permeability l/m ² s |
|----------------------|---|----------------------------------|-----------------|--|
| GFT-93G10-25 | Glass nonwoven for LVT G = 10 micron glass fiber | 25 | 0.24 | 7700 |
| GFT-93K13-30 | Glass nonwoven for LVT K = 13 micron glass fiber | 30 | 0.32 | 8800 |
| GFT-93M18-50 | Glass nonwoven for LVT M = 16 micron glass fiber | 50 | 0.50 | 7400 |
| GFT-93K13-30 | Glass nonwoven for calendaring process K = 13 micron glass fiber | 30 | 0.32 | 8800 |
| GFT-773K13-35 | Glass nonwoven for calendaring process K = 13 micron glass fiber | 35 | 0.37 | 7800 |

Widths up to 4200mm. Standard core inner diameter: 152mm. Standard roll outer diameter: 1200mm.

Ahlstrom-Munksjö manufacturing platforms:

Karhula, Finland

Tver, Russia

Our manufacturing plants are certified by SGS having ISO9001, ISO14001, ISO18001.

Contact Ahlstrom-Munksjö Sales: ✉ fibroc@ahlstrom-munksjo.com

www.ahlstrom-munksjo.com



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