

Ahlstrom

FibRoc[®] Flooring

Solutions for Luxury Vinyl Tiles (LVT)

Ahlstrom 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 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 glass nonwoven product range for flooring manufacturers

Ahlstrom 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 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 (200Pa)
GFT-93G10-30	Formaldehyde-free glass nonwoven for LVT G = 10 micron glass fiber	30	0.29	6800
GFT-93K13-25	Formaldehyde-free glass nonwoven for LVT K = 13 micron glass fiber	25	0.30	10000
GFT-93M18-50	Formaldehyde-free glass nonwoven for LVT M = 16 micron glass fiber	50	0.50	7500
GFT-93K13-35	Formaldehyde-free glass nonwoven for calendaring process K = 13 micron glass fiber	35	0.36	8000

Widths up to 4200mm from European plant and up to 5200mm from USA plant. Standard core inner diameter: 152mm. Standard roll outer diameter: 1200mm.

Ahlstrom manufacturing platforms:

Karhula, Finland | Madisonville, USA

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

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