

Ahlstrom

FibRoc[®] Flooring

Solutions for Cushion Vinyl Floorings

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

Cushion vinyl floorings for residential use need to be durable, hygienic and comfortable as well as deliver acoustical and thermal properties.

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 cushion vinyl floorings includes nonwovens made of 100% glass, delivering strength and stability, as well as glass/polyester nonwovens enabling flexible and resilient floorings.

Benefits

- ✔ **Exceptional dimensional stability and strength** – delivering stability and strength for final flooring product
- ✔ **Controlled rigidity, permeability and thickness** – enabling optimized flooring manufacture
- ✔ **Excellent compatibility with plastisol** – delivering smooth surface for enhanced gravure printability
- ✔ **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 FibRoc® Flooring range for cushion vinyl floorings includes nonwovens made of 100% glass, and tailor-made binder formulations, delivering optimal strength and stability. Available in basis weights from 20 to 120g/m².

Typical product references:

Grade	Description	Basis weight g/m ²	Thickness mm	Air permeability l/m ² s (200Pa)
AW-933G033-35	Formaldehyde-free glass nonwoven with surface binder G =10 micron glass fiber	35	0.30	5800
GFT-255GD10-35	Low formaldehyde containing glass nonwoven GD = 6 and 10 micron glass fiber blend	35	0.32	5600
GFT-93G10-32	Formaldehyde-free glass nonwoven G = 10 micron glass fiber	32	0.29	6500
AW-933G041-30	Formaldehyde-free glass nonwoven with surface binder G =10 micron glass fiber	30	0.29	3800

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 glass/polyester nonwoven product range for flooring manufacturers

Ahlstrom nonwovens contain glass and polyester fibers and tailor-made binder formulations. This solution enables flexible and resilient floorings. Available in basis weights from 30 to 120g/m².

Typical product references:

Grade	Description	Basis weight g/m ²	Thickness mm	Air permeability l/m ² s (200Pa)
AWE-933G032-37	Formaldehyde free glass/polyester nonwoven with surface binder G = 10 micron glass fiber	37	0.33	5600
GEFT2-80G80-40	Two layer glass/polyester nonwoven G = 10 micron glass fiber	40	0.34	3700

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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