

Ahlstrom-Munksjö

# FibRoc<sup>®</sup> Flooring

## Solutions for Carpets and Carpet Tiles

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

Requirements for carpet and carpet tiles for residential and commercial use are strength and comfort, in addition to good acoustic and thermal properties.

Our unique wet-laid and proprietary foam forming manufacturing technologies, experienced personnel, plus our reliable and extensive product range guarantee production of high quality floorings.

Ahlstrom-Munksjö FibRoc<sup>®</sup> Flooring product range for Carpets and Carpet Tiles includes various types of nonwovens.

### Benefits

- ✔ **Exceptional dimensional stability and strength**  
– delivering stability and strength for final flooring product
- ✔ **Controlled chemical compatibility with customer's chemistry and processes**  
– delivering optimized manufacturing efficiency
- ✔ **Hot tensile strength during processing**  
– delivering optimized manufacturing 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 for carpets and carpet tiles

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). Available in basis weights from 15 to 130g/m<sup>2</sup>.

### Typical product references:

Grade	Description	Basis weight g/m <sup>2</sup>	Thickness mm	Air permeability l/m <sup>2</sup> s
<b>GVC-28K13-35</b>	Glass nonwoven with bio binder K = 13 micron glass fiber	35	0.33	7000
<b>GVC-96M18-50</b>	Glass nonwoven M = 16 micron glass fiber	50	0.50	7400
<b>GVC-96K13C-65</b>	Glass nonwoven K = 13 micron glass fiber	65	0.60	5600

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

## Ahlstrom-Munksjö wetlaid nonwoven product range for carpet tiles

Developed to provide strong internal cohesion to avoid delamination between the different layers and bring aesthetic purposes for carpet tile manufacturers.

### Typical product references:

Grade	Description	Basis weight g/m <sup>2</sup>	Thickness mm	Air permeability l/m <sup>2</sup> s
<b>BR6834030</b>	Polyester/cellulose nonwoven with a stiff binder	30	0.122	1200

Widths up to 2400mm, roll diameter up to 1150mm.

### Ahlstrom-Munksjö manufacturing platforms:

**Karhula, Finland**

**Tver, Russia**

**Brignoud, France**

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

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