

Ahlstrom

# FibRoc<sup>®</sup>

## Ceiling

## Solutions for Perforated Wood & Metal Ceilings

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

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

Ahlstrom's FibRoc<sup>®</sup> nonwovens range is used as backings to perforated wood & metal ceilings and deliver unbeatable performance in noise reduction and fire resistance.

Ahlstrom FibRoc<sup>®</sup> Ceiling nonwoven product range includes nonwovens made of cellulose/glass blends and 100% glass.

### Benefits

- ✓ **Noise reduction** – excellent level of noise reduction, delivering acoustic comfort within a room
- ✓ **Fire resistance** – ensuring compliance with all necessary safety standards
- ✓ **Controlled rigidity, permeability and thickness** – enabling optimized ceiling manufacturing
- ✓ **Exceptional dimensional stability and strength** – delivering stability and strength for final ceiling product
- ✓ **Highly flexible** – no issues for curved ceilings
- ✓ **Dust free** – prevents dust from the plenum falling onto the floor

## Ahlstrom cellulose/glass nonwoven product range

High efficiency Ahlstrom nonwovens contain cellulose and glass fiber blends and tailor-made binder formulations.

### Typical product references:

Grade	Description	Basis weight g/m <sup>2</sup>	Colour	Calorific Value, PCS rating (ISO 1716) MJ/kg	Air permeability l/m <sup>2</sup> s
<b>BR7164046</b>	Cellulose/glass nonwoven with chemical binder and fire-retardant additive	46	Black	12,2	1500

Available in basis weights from 30 to 150g/m<sup>2</sup>. Black, white colors available as standard. Other colors available on demand. Widths up to 2400mm, roll diameter up to 1150mm

## Ahlstrom glass nonwoven product range

High efficiency Ahlstrom glass nonwovens contain glass fibers and tailor-made binder formulations. Glass fibers in the nonwovens are available with various diameters (6-16 microns) and lengths (6-20mm).

### Typical product references:

Grade	Description	Basis weight g/m <sup>2</sup>	Colour	Air permeability l/m <sup>2</sup> s
<b>GFT-93G10A-60</b>	Glass nonwoven	60	White	4300
<b>BWG-93G10A-60</b>	Glass nonwoven	60	Black	4300

G = 10 micron fiber. Available in basis weights from 15 to 130g/m<sup>2</sup>. Widths up to 4200mm. Standard core inner diameter: 152mm. Standard roll outer diameter: 1200mm

### Ahlstrom manufacturing platforms:

**Karhula, Finland | Brignoud, France**

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

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**[www.ahlstrom.com](http://www.ahlstrom.com)**



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