

Ahlstrom

# FibRoc<sup>®</sup> Ceiling

## Solutions for Plasterboard 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 FibRoc<sup>®</sup> Ceiling product range for plasterboard ceilings includes a wide variety of nonwovens made of cellulose/glass blends, cellulose/polyester blends and 100% glass.

Our extensive product range is available for both plasterboard ceiling facers and backings.

### 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
- ✔ **Aesthetically pleasing** – no extra matting required due to smooth surface
- ✔ **Dust free** – prevents dust from the plenum falling onto the floor

## Ahlstrom glass and glass/polyester nonwoven product range for plasterboard facings

High efficiency Ahlstrom nonwovens contain 100% glass, glass/ polyester fiber blends 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>AW-933GD041-45</b>	Glass nonwoven with surface binder	45	White	2800
<b>GEFT-93G10E-60</b>	Glass/polyester nonwoven	60	White	4200
<b>AWE-933G032-37</b>	Glass/polyester nonwoven with surface binder	37	White	5400

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 cellulose/polyester and cellulose/glass nonwoven product range for perforated backings

High efficiency Ahlstrom wetlaid nonwovens contain cellulose/polyester blends and tailor-made binder formulations. Fire treatment and other customized solutions available upon request.

### Typical product references:

Grade	Description	Basis weight g/m <sup>2</sup>	Colour	Air permeability l/m <sup>2</sup> s
<b>SD0550050</b>	Cellulose/polyester nonwoven	50	White	592
<b>SD0558050</b>	Cellulose/polyester nonwoven	50	Grey	667
<b>BR6810047</b>	Cellulose/polyester nonwoven	47	Black	750
<b>BR6809047</b>	Cellulose/polyester nonwoven	47	White	840

Available in basis weights from 30 to 150 gr/m<sup>2</sup>. Black, white colors available as standard. Other colors available on demand. Widths up to 3000mm, roll diameter up to 1150mm

## Ahlstrom cellulose/glass nonwoven product range for monolithic backings

High efficiency Ahlstrom nonwovens contain cellulose/glass blends and tailor-made binder formulations. Fire treatment and other customized solutions available upon request.

### Typical product references:

Grade	Description	Basis weight g/m <sup>2</sup>	Colour	Air permeability l/m <sup>2</sup> s
<b>BR7148045</b>	Cellulose/glass nonwoven	45	White	1500

Available in basis weights from 30 to 150 gr/m<sup>2</sup>. Black, white colors available as standard. Other colors available on demand. Widths up to 32400mm, roll diameter up to 1150mm

### Ahlstrom manufacturing platforms:

**Karhula, Finland | Brignoud, France | Ställdalen, Sweden | Madisonville, USA**

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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