

Ahlstrom-Munksjö

# FibRoc® Ceiling

## Solutions for Mineral Wool & Wet Felt Ceilings

Ahlstrom-Munksjö 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-Munksjö FibRoc® Ceiling product range for mineral wool and wet felt based ceilings includes a wide variety of nonwovens made of 100% glass as well as cellulose/glass blends.

Our extensive product range is available for both ceiling facings and backings, with a variety of properties included.

### 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

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Казахстан (772)734-952-31

## Ahlstrom-Munksjö glass nonwoven product range - Facing reinforcements requiring high puncture resistance as well as high durability

High efficiency Ahlstrom-Munksjö 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>	Thickness mm	Air permeability l/m <sup>2</sup> s
<b>GFT-70K13-120</b>	Glass nonwoven	120	1.01	3400

K=13 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-Munksjö glass nonwoven product range - Facings requiring smooth surface

High efficiency Ahlstrom-Munksjö nonwovens contain glass fibers and tailor-made binder formulations. Our unique glass nonwovens provide good smoothness and low permeability.

### Typical product references:

Grade	Description	Basis weight g/m <sup>2</sup>	Thickness mm	Air permeability l/m <sup>2</sup> s
<b>GFT-25G10-50</b>	Glass nonwoven	50	0.45	4900
<b>GFT-77G10-75</b>	Glass nonwoven	75	0.58	3300
<b>NGW-77GD2P13-55</b>	Glass nonwoven with pigment coating	55	0.37	3400
<b>NGW-77GD2P13-75</b>	Glass nonwoven with pigment coating	75	0.51	2800
<b>NGW-263G0P14B-70</b>	Glass nonwoven with pigment coating	70	0.56	3300

D=6 micron fiber, 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-Munksjö glass nonwoven product range for backings

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

### Typical product references:

Grade	Description	Basis weight g/m <sup>2</sup>	Thickness mm	Air permeability l/m <sup>2</sup> s
<b>GFT-263K13-35</b>	Glass nonwoven	35	0.36	8100
<b>GFT-263K13-50</b>	Glass nonwoven	50	0.49	6200
<b>GFT-93G10-30</b>	Glass nonwoven	30	0.28	6800
<b>AW-933G032-35</b>	Glass nonwoven with surface binder	35	0.30	5700

G=10 micron fiber, K=13 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-Munksjö cellulose/glass nonwoven - Product range for mineral wool tile backings

High efficiency Ahlstrom-Munksjö nonwovens contain cellulose/glass fiber blends, a grey clay coating, and tailor-made binder formulations. Non slippery when stacking tiles. No oxidation creating black powder with the risk of staining front side with fingertips.

### Typical product references:

Grade	Description	Basis weight g/m <sup>2</sup>	Color	Air permeability l/m <sup>2</sup> s
<b>BR7468070</b>	Cellulose/glass nonwoven with clay coating, synthetic binder and fire retardant additive	70	Grey	< 7.5

Available in basis weights from 15 to 180g/m<sup>2</sup>. Widths up to 2400mm, roll diameter up to 1150mm

Ahlstrom-Munksjö

# FibRoc<sup>®</sup> Ceiling

## Solutions for Plasterboard Ceilings

Ahlstrom-Munksjö 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-Munksjö 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-Munksjö glass and glass/polyester nonwoven product range for plasterboard facings

High efficiency Ahlstrom-Munksjö 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-Munksjö cellulose/polyester and cellulose/glass nonwoven product range for perforated backings

High efficiency Ahlstrom-Munksjö 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-Munksjö cellulose/glass nonwoven product range for monolithic backings

High efficiency Ahlstrom-Munksjö 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

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# FibRoc<sup>®</sup>

## Ceiling

## Solutions for Perforated Wood & Metal Ceilings

Ahlstrom-Munksjö 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-Munksjö'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-Munksjö 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-Munksjö cellulose/glass nonwoven product range

High efficiency Ahlstrom-Munksjö 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-Munksjö glass nonwoven product range

High efficiency Ahlstrom-Munksjö 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

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