

Ahlstrom

FibRoc[®]

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[®] nonwovens range is used as backings to perforated wood & metal ceilings and deliver unbeatable performance in noise reduction and fire resistance.

Ahlstrom FibRoc[®] 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 ² | Colour | Calorific Value, PCS rating (ISO 1716) MJ/kg | Air permeability l/m ² s |
|------------------|---|----------------------------------|--------|--|--|
| BR7164046 | Cellulose/glass nonwoven with chemical binder and fire-retardant additive | 46 | Black | 12,2 | 1500 |

Available in basis weights from 30 to 150g/m². 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 ² | Colour | Air permeability l/m ² s |
|----------------------|----------------|----------------------------------|--------|--|
| GFT-93G10A-60 | Glass nonwoven | 60 | White | 4300 |
| BWG-93G10A-60 | Glass nonwoven | 60 | Black | 4300 |

G = 10 micron fiber. Available in basis weights from 15 to 130g/m². Widths up to 4200mm. Standard core inner diameter: 152mm. Standard roll outer diameter: 1200mm

Ahlstrom manufacturing platforms:

Karhula, Finland | Brignoud, France | Madisonville, USA

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

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