Datasheet: Interior panels

Developed for residential, commercial and public buildings, inside:

Applications:

- Music rooms, concert hall, theater, hotels, restaurant, museums.
- Offices buildings, shopping center, schools, fitness center/dressing rooms.
- Home office, kitchens, bedroom, living room.

INEX Solution ceiling panels fit to many different ceiling systems like T24 and T35. Etc.

Product: Textile Color Design ceiling/wall panels:

Sustainability in Focus
The *Textile* ceiling panels are made with 50% textile waste, offering a groundbreaking solution for both the construction and textile industries. From 2025 onwards, clothing manufacturers will no longer be allowed to dispose of surplus textiles through destructive methods like incineration or landfill. *Textile ceiling panels* provides a sustainable path forward for both industries:

- **Recycling textile waste** – Reduces waste and gives new life to materials.
- **Lower carbon footprint** – The textile industry is known for its high resource consumption; for instance, it takes 1,400 liters of water to produce just one T-shirt.
- **Tackling key polluters** – The construction and textile industries rank #1 and #4 in the EU for environmental impact.
- **Significant textile waste** – Each year, retailers and manufacturers in Denmark alone send approximately 677 tons of new clothing to incineration.
- **Green transition** – A tangible contribution to reducing the environmental impact of construction.

By integrating recycled materials into product design, *Textile ceiling panels* helps minimize the use of new resources and supports sustainable building certifications such as **DGNB**, **BREEAM**, and **LEED**.

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Model: Textile color printed ceiling/wall panels:

Textile Ceiling Panels deliver sustainability and acoustic performance, crafted from 50% recycled textile waste and fire-retardant materials, ideal for modern, eco-friendly interiors.

Measure:

9mm.	**20mm.**	**30mm.**	**M2**
9x595x595mm.	20x595x595mm.	30x595x595mm.	=0,35m2
9x595x1195mm.	20x595x1195mm	30x595x1195mm.	=0,72m2
9x595x2400mm.	20x595x2400mm.	30x595x2400mm.	=1,44m2

Thickness/ weight:

- 9mm. 1800g/m2
- 20mm. 3000g/m2
- 30mm. 3500g/m2

Tolerances:

- Perpendicularity +/- 2mm
- Thickness +/- 1mm
- Weight +/- 10%

Environment & Sustainability:

- Fully recyclable textile-felt

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Plate edge:

- Right-angled plate edge on all four sides. For ceiling rail systems or directly on the ceiling & wall.
- 3mm. chamfered sheet metal on all four sides. For mounting on the ceiling and wall.

Colours: Colour codes show the nearest NCS value. We can design all colors:

- Airy white
- Nordic Mist
- Deep slate
- Forest green
- Ocean blue
- Black

Reaction to fire:

According to EN 13501/ 13823-1

- Minimum. Fire class C.

Cleaning:

- May be cleaned using a soft brush, by vacuum cleaning or by wiping with a damp cloth or sponge.

Humidity:

- Textile felt cannot absorb moisture and will not change shape or strength under the influence of water or heat up to 65 degrees. For a limited time, it can withstand 70 degrees heat.

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Sound test

Mounted directly on the wall & ceiling

								Specifikationer		
	Frekvens = (Hz):	**125**	**250**	**500**	**1000**	**2000**	**4000**	**aw.**	**NRC.**	**Absorption**
9mm.	**Practical absorption coefficient**	0.15	0.25	0.40	0.55	0.70	0.80	0.45	0.35	E
20mm.	**Practical absorption coefficient**	0.30	0.45	0.65	0.80	0.90	0.95	0.70	0.60	D
30mm.	**Practical absorption coefficient**	0.40	0.55	0.80	0.95	1.00	1.00	0.80	0.75	B

Mounted with 45mm. Mineral wool

On the back side								Specifikationer		
	Frekvens = (Hz):	**125**	**250**	**500**	**1000**	**2000**	**4000**	**aw.**	**NRC.**	**Absorption**
9mm.	**Practical absorption coefficient**	0.50	0.70	0.90	1.00	1.00	1.00	0.85	0.65	B
20mm.	**Practical absorption coefficient**	0.60	0.80	0.95	1.00	1.00	1.00	0.90	0.85	A
30mm.	**Practical absorption coefficient**	0.75	0.90	1.00	1.00	1.00	1.00	0.95	1.00	A

Mounted in a ceiling system like T24 & T35

With 300mm. Air on the back side								Specifikationer		
	Frekvens = (Hz):	**125**	**250**	**500**	**1000**	**2000**	**4000**	**aw.**	**NRC.**	**Absorption**
9mm.	**Practical absorption coefficient**	0.40	0.65	0.85	0.90	0.95	1.00	0.85	0.85	B
20mm.	**Practical absorption coefficient**	0.55	0.75	0.95	1.00	1.00	1.00	0.95	0.95	A
30mm.	**Practical absorption coefficient**	0.65	0.85	1.00	1.00	1.00	1.00	1.00	1.00	A

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9mm. solid color PET-felt ceiling panels



Loftplade 595 x 595 x 9.pdf



Loftplade 595 x 1195 x 9.pdf



Indendørs Filt 595 x 2400 x 9mm.pdf

20mm. Solid color PET-felt ceiling panels



Loftplade 595 x 595 x 20.pdf



Loftplade 595 x 1195 x 20.pdf

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30mm. Solid color PET-felt ceiling panels



Loftplade 595 x 595 x 30.pdf



Loftplade 595 x 1195 x 30.pdf

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