TECHNICAL DATA SHEET

Needle felt carpet tile 50 × 50 cm with polyamide wear layer – class 33, Bfl-s1, castor chair suitable

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Where floors are put to the test, this **needle felt carpet tile** shows its strengths: the wear layer is mainly polyamide, the most abrasion-resistant of the common carpet fibres. At around 4.2 kg/m^2 and 6.5 mm total thickness the tile lies firmly on the subfloor and stays stable under office chairs and mobile pedestals.

The tiles reach commercial use class 33 and reaction to fire class Bfl-s1. The 50 × 50 cm format makes installation on large areas easy and allows individual tiles to be replaced later, for example on main walkways or at entrances.

Technical data (manufacturer information)

Construction	Needle felt
Wear layer	70% polyamide 6, 20% polyester, 10% polypropylene
Format	50 × 50 cm
Total weight	4200 g/m^2 (±15 %)
Total thickness	6.5 mm
Reaction to fire (EN 13501-1)	Bfl-s1
Use class (EN 1307)	Class 33 – commercial, heavy
Comfort class	LC1
Castor chair suitability	suitable, including continuous use
Electrostatic behaviour	antistatic
Underfloor heating	suitable
Test marks / eco labels	GUT, CE
Minimum order	200 m^2

Features

- Wear layer mainly polyamide 6 – very abrasion-resistant
- Use class 33 (commercial, heavy), comfort class LC1
- Reaction to fire Bfl-s1 to EN 13501-1
- Castor chair suitable, including continuous use (manufacturer data)
- Antistatic, suitable for underfloor heating
- Fray-resistant and dimensionally stable – tiles replaceable individually

Typical applications

- Offices and administration with desk workstations
- Schools, nurseries, universities
- Reception, corridor and circulation areas
- Retail and exhibition areas

Colours

Available colour numbers: 39, 50, 70, 72, 80. The images show the shades; screen display may differ from the original. We are happy to send samples before you order.

Delivery and minimum order

Delivered directly from European production. **Minimum order is 200 m^2** per colour and quality. Price, lead time and installation material (tackifier or adhesive) are included in our quotation – just send us the area, preferred colour and delivery location.

All technical values are manufacturer data from standardised test methods. Please check against the current declaration of performance and the requirements of your project whether a floor covering is approved for your application (e.g. fire safety, escape routes, castor chairs).