

Safety-Floor Rail DB1/DB2

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Product Description

Safety-Floor Rail is an aesthetically designed functional floor covering for heavy-duty use. The combination of coarse monofilament and finely milled yarn, each in a polyamide version, enables high absorption of fine dirt and moisture while at the same time being highly durable. Due to its open loop structure, the covering dries almost independently. Thanks to its latex backing, the floorcovering also provides good sound insulation and foot warmth.

Product Benefits

- low weight (ca. 3,8kg/m² at 13,5mm)
- fire class HL2 possible as special equipment glued)
- High moisture absorption and quick drying of moisture due to open loop structure
- Good noise insulation and impact sound absorption due to latex backing
- High durability
- Residue-free removal in combination with adhesive fleece WA-446

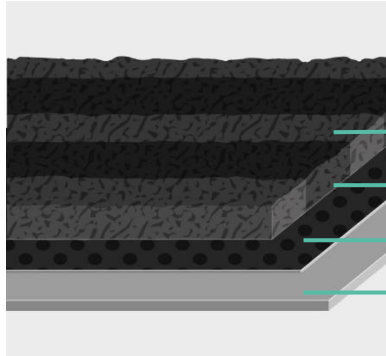
Cleaning and Installing

Safety-Floor Rail has the task of protecting subsequent floor coverings from excessive dirt and moisture penetration. The floor covering absorbs large amounts of fine dirt in its open fibre structure. For this reason, the floor covering must be professionally cleaned on a regular basis so that the dirt does not solidify and new dirt can also be absorbed again. As with any textile covering, stains, especially such as cola, red wine, coffee or the like, must be removed immediately, otherwise there is a risk that they can no longer be removed. Furthermore, regular cleaning helps to keep the covering in a visually clean condition for a long time. Cleaning with carpet powder is not recommended as the powder cannot be completely removed from the loop structure.

- Regular cleaning (daily): Vacuuming: Optimal results are achieved by using a strong brush Hoover.
- Removal of stubborn dirt (daily if necessary)
- Periodic basic cleaning (at least every 4 weeks, or at shorter intervals depending on use)
 - Periodic basic cleaning is carried out with the aid of spray extraction and contrasting brush rollers (brush-roller method)
 - For this we recommend the use of machines from Allclean (formerly Rotowash)
 - This procedure guarantees a relatively quick drying of the covering (usually approx. 6-8 hours at room temperature and 50% humidity)
 - Before this cleaning, the floor covering must be thoroughly vacuumed and stubborn stains removed.

We recommend a regular visual inspection with regard to the condition of the covering. Mechanically caused defects, such as loops that stick up, should be carefully removed with the help of pile shears.

Technical Data



- Fine yarn, made of polyamide
- Coarse monofilament, made of polyamide
- Latex backing
- Sound-absorbing foam back

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|---|---|
| Colour | Stripes, blue (DB2) or grey (DB1) |
| Max. Width | DB1 1.750 mm DB2 1.400 mm (+/- 10 mm) |
| Rapport | ca. 22 mm |
| Backing material | NSF-foam back |
| Material thickness | 13,5 mm (+/- 0.75 mm) |
| Pole layer weight | ca. 700 g/m ² |
| Total weight | 3,8 kg/m ² (± 10 %) |
| Pole layer thickness | ca. 4,5 mm |
| Number of fiber bundles | ca. 115.000 /m ² |
| Pole material (fine/coarse fiber) | Nylon 6 |
| Fire Behaviour (EN 45545-2, R10, in combination with WA446 on Al) | (HL2 possible as special equipment bonded) |
| Footfall sound insulation | ca. 35 dB VM |
| Changes in appearance (ISO 10361) | category 33 according to EN 1307, heavy industrial use |
| Suitability for castor-chair traffic (EN 985) | suitable for heavy castor-chair use according to EN 1307(3,4) |
| Water fastness (EN ISO 105-E01) | 5, highest classification, fulfilled water fastness according to EN 1307 |
| Friction resistance (EN ISO 105-X12) | 5, highest classification, fulfilled friction resistance according to EN 1307 |
| Dimensional stability (ISO 2551) | max. shrinking: -0,26 %, max. enlarging: -0.22 % |
| Fastness to light (EN ISO 105-B02) | 7 – 8 (highest classification) |
| Electric resistance (ISO 10965) | horizontal: 4,1 x E10 ⁸ , vertical: 3,8 x E10 ¹¹ |
| Electrostatic behaviour (ISO 6356) | ≤ 2,0 kV |
| Anti-slip resistance/displacement space (DIN EN 16165 / BG181/TSl) | R12 (30,5°) / V10 |
| Pull-out force for fiber bundles (ISO 4919) | fine fiber = 31 N, rough fibre = 17 N |

All data listed prior are based on our actual experience and are not allowed to be adapted in specifications. Please make sure by yourself before applying our products if they are suitable for your purpose. All questions concerning warranty and liability are governed by our legal terms of sales. All technical data of our products are considered to be our intellectual property. Their usage is only allowed with our agreement.