

TECHNICAL DATA SHEET



Key Highlights

- 0.2mm Conductive foil backing layer
- Reduced use of copper strips

SPECIFICATION ACCORDING EN 649

| CHARACTERISTICS | STANDARD | UNIT | RESULT |
|--|-----------------------|--------------------|---|
| STRUCTURE | | | |
| Type of flooring | EN 649 | n/a | Vinyl synthetic floor covering with conductive backing |
| Construction | n/a | n/a | Homogeneous |
| Plastic basis | n/a | n/a | Polyvinylchloride |
| Pattern | n/a | n/a | Marbled |
| Domestic | EN 685 | class | 23 heavy duty |
| Commercial | EN 685 | class | 34 very heavy duty |
| Industrial | EN 685 | class | 43 heavy duty |
| SAFETY CRITERIA | | | |
| Flammability | EN 13501-1 | class | B _f -s1 |
| Slip resistance | BGR 181 | group | R10 |
| Dynamic coefficient of friction | EN 13893 | class | DS (> 0.30) |
| Impact sound reduction | EN ISO 140-8 | dB | 3 |
| PERFORMANCE BEHAVIOR | | | |
| Sheet width | EN 426 | m | 1.83 |
| Sheet length | EN 426 | m | 16-25 |
| Overall thickness | EN 428 | mm | 2.2 |
| Nominal weight | EN 430 | kg/m ² | 3.2 |
| Coverage (per carton) | n/a | m ² | 5.54 |
| Residual indentation | EN 433 | mm | Approx 0.05 |
| Wear group | EN 649 | group | P |
| Color fastness | ISO 105-B02 | rating | ≥ 6 |
| Thermal resistance | EN 12667 | m ² K/W | 0.010 |
| Thermal conductivity | EN 12524 | W/mK | 0.25 |
| Electrical insulation to ground | VDE 0100 | kOhm | > 50 |
| Surface resistance | EN 1081 | Ohm | 1 x 10 ⁷ |
| Vertical resistance R ₁ | EN 1081 | Ohm | 1 x 10 ⁷ |
| Vertical resistance | EN 61340-4-1 | Ohm | 3.5 x 10 ⁷ |
| Static electrical charge - system test | EN 61340-4-5 | Volt | < 100 |
| Static electrical charge | EN 1815 | kV | ≤ 2.0 |
| Resistance against chemicals | EN 423 | rating | good resistance against acids and alkalis even at higher concentrations |
| Castor chair ✓ | Underfloor heating ✓ | | |
| Antistatic behavior ✓ | Chemical resistance ✓ | | |