

Safety-Floor Anti-slip covering Standard Coarse P40

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Properties



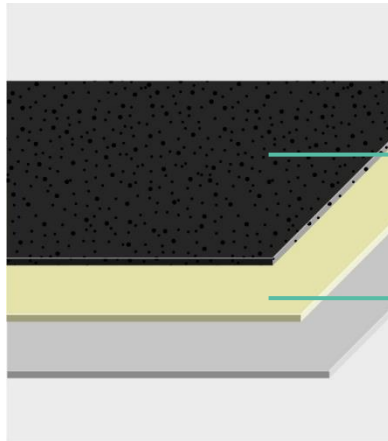
Description / Field of application

The basis of the Safety-Floor anti-slip covering Standard Coarse is a resilient polyester film. This makes the covering particularly tear-resistant, weatherproof, dimensionally stable and abrasion-resistant. It therefore has a clear advantage over comparable PVC-based products. The modified acrylate adhesive and the coarse mineral grain of silicon carbide (comparatively hard and light) ensure the safety and durability of the product. Due to its robust and reliable property profile, the Safety-Floor anti-slip covering Standard Coarse is used in particular in heavily used areas such as commercial vehicles and machines. Due to the available displacement space, typical areas of application are also areas exposed to dirt or liquids. According to Annex 2 of the technical regulations for floors in workplaces (ASR A1.5/1.2) of the BAuA, the slip resistance R13 combined with a displacement space of V04 is particularly suitable in areas where fat, meat and vegetables are processed.

Product benefits

- PVC-free
- Particularly dimensionally stable, wear and tear resistant due to the use of a polyester backing
- Secure adhesive forces over the entire service life of the product due to ageing-stable pressure-sensitive adhesive
- Hard silicon carbide granulation embedded in resistant synthetic resin ensures particularly high abrasion resistance and chemical resistance
- Highest slip resistance with R13 and a displacement space of V04
- Meets fire requirements HL2 (DIN EN 45545-2, R10) for floor applications in rail vehicles; in clear colour it reaches HL3
- Weather resistant

Technical Data



Synthetic resin-bonded silicon carbide (grain size P40) on tear-resistant polyester carrier

PE-coated cover paper

Pressure sensitive adhesive, modified acrylate

Colour	Signal black (RAL 9004), clear
Material	Silicon carbide (grain size P40) on polyester carrier with acrylate adhesive
Thickness (installed)	ca. 1,3 mm
Weight (installed)	ca. 1000 g/m ²
Temperature resistance	- 40 to + 60 °C (Adhesive strength changes with temperature)
UV-resistance	Good in Central European climates
Slip resistance according to DIN EN 16165, ann. B and displacement space	R13 / V04
Adhesive strength / Medium peeling resistance after 24h following DIN EN 1939	ca. 20 N / 25 mm (on stainless steel, 180° Take-off angle, T = 23°C)
Dimensional stability after bonding following DIN ISO 2768	Tolerance class f (fine)
Fire test according to DIN EN 45545-2, R10	HL 2

Storage and application instructions

Safety-Floor anti-slip covering Standard Coarse can be used on all clean, dry, grease-free, even and closed surfaces. When applying a covering, it is recommended to round off the corners or to use ready-made die-cut parts. The ideal installation temperature is 18 - 25 °C. Anti-slip coverings should not be glued over cracks, joints, damaged paint layers or rust (see also our installation instructions for anti-slip coverings). In the case of porous or critical substrates (including plastics and paints), we recommend the application of a primer. Please contact us for more information. The product is not designed for permanent wetness. For cleaning, please do not use strong solvents or strongly alkaline or acidic cleaning agents. Information on available delivery forms (rolls, strips, die-cut parts or special sizes) can be found in the current price list or on request. Storage should be dry, frost-free and clean. Protect material from heat and direct sunlight. The product can be stored up to 24 months after the date of manufacture.

The above technical advice is given to the best of our knowledge and represents our current experience. As the use of our products is beyond our control, it is your own responsibility. All information about our products must be coordinated with the local conditions and the materials used in your application. Before use, carry out your own tests to determine suitability and consumption. All questions of warranty and liability for this product are governed by our current terms and conditions of sale, unless otherwise provided by law. We regard all technical data sheets of our products as our intellectual property. Their use is only permitted with our consent. With the publication of this product information, previous versions lose their validity..