Safety-Floor Individual SG
Anti-slip Warning Marking

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Properties

R13 | N | PVC | SG | HL3

Description / Field of application

The Safety-Floor Individual SG anti-slip warning marking is designed for the anti-slip marking of hazardous areas. The anti-slip covering consists of a robust PET base film and a top layer of resistant and hard mineral aggregate. The covering is particularly tear-resistant, weatherproof, dimensionally stable and abrasion-resistant, thus showing a clear advantage over comparable PVC-based products. The acrylate adhesive used also guarantees reliably constant adhesive strength over the entire life of the product.
The Safety-Floor Individual SG anti-slip warning marking meets the requirements of the BAuA from the workplace regulations ASR A2.1 and ASR A1.3 for permanent marking of falling edges, trip hazards or other hazardous areas. The colours correspond to the required warning colours according to DIN 5381. With this property profile, the floorcovering is predestined for demanding use in the industrial sector.
The slip resistance R13 combined with the displacement space V04 is also specified according to Annex 2 of ASR A1.5/1.2 for floors in the food processing industry, e.g. in edible oil refineries.

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 aluminium oxide granulation embedded in resistant synthetic resin ensures particularly high abrasion resistance
- Highest slip resistance with R13
- Meets the requirements of ASR A2.1 for marking trip and fall edges
- Safety colours according to DIN 5381
- Meets the highest fire resistance rating, HL3, according to DIN EN 45545-2

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Zertifiziertes Qualitätsmanagementsystem AGQS DIN EN ISO 9001:2015
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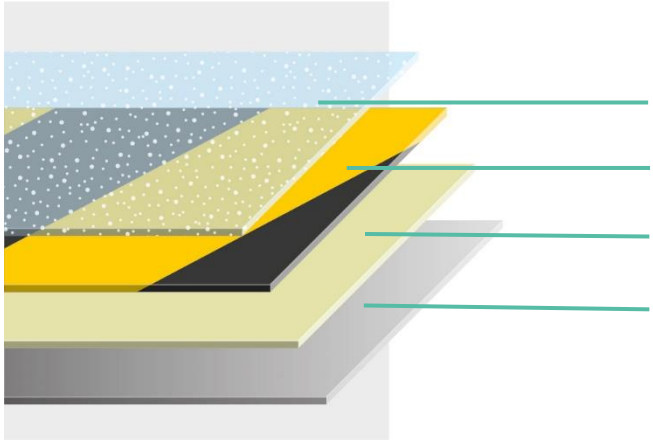
Technical Data



Slip-resistant mineral grain
Slip resistance R13 and displacement space V04.

Tear-resistant polyester backing in black-yellow

Modified acrylic pressure sensitive adhesive

PE-coated cover paper

Colour	Black-yellow hatching print, right-handed (ca. RAL 9004/1003)
Material	Aluminium oxide on polyester carrier with modified acrylate
Thickness (installed)	ca. 1,13 mm
Weight (installed)	ca. 900 g/m²
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. 30 N / 25 mm (on stainless steel, 180° Take-off angle, T = 23°C)
Dimensional stability after bonding following DIN ISO 2768	Tolerance class c (coarse)

Storage and application instructions

Safety-Floor Individual SG anti-slip warning marking 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 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 scouring agents, strong solvents or strongly alkaline or acidic cleaning agents. Information about the available delivery forms (rolls, strips, die-cut parts or special sizes) can be obtained from 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..

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