

CleanGrip Anti-Slip Floor Covering

An innovative product with versatile properties





Our Latest Development: CleanGrip

Excellent flammability and cleaning properties topped with an R11 slip resistance rating

The requirements stipulated by ASR A1.5/1,2, Technical Rules for German Workplaces, are clear: Floors must be non-slip and easy to clean. Thanks to micro beads on the surface, our anti-slip covering is rated R11 according to DIN 51130, but easy to clean nevertheless. During the development, we have attached great importance to creating a type of floor covering that would be as eco-friendly and as durable as possible. Apart from featuring good flammability properties and dimensional stability, CleanGrip is PVC-free, relatively tear-resistant, heat-stable and weather-resistant.

Certified Slip Resistance

An R11 slip resistance rating is the right choice for entrance areas, stairs or walkways on company premises

The slip resistance of a surface is tested on an inclined plane in line with the provisions stipulated by DIN 51130. R9 is the lowest and R13 the highest rating. The slip resistance of floor coverings must be selected in such a way that any risk of slipping is prevented. At the same time, however, the slip resistance must not be too high; otherwise, the flooring would pose a tripping hazard.

The R11 anti-slip rating is recommended by the BAuA (Bundesanstalt für Arbeitsschutz und Arbeitsmedizin, Federal Institute for Occupational Safety and Health) for 32% of all applications, thus being the most frequently recommended slip resistance rating according to Annex 2 of the ASR A1.5/1,2 (version as of February 2013). The requirements stipulated by the Deutsche Gesetzliche Unfallversicherung (DGUV, German Statutory Accident Insurance) with regard to non-slip floors are fundamentally the same as those specified by the BAuA. The DGUV test mark helps people identify safe products. CleanGrip bears the DGUV test mark for the R11 slip resistance rating.

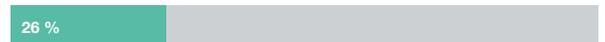


CleanGrip passes the DGUV test and receives the test mark for the R11 slip resistance rating. The bar diagram below illustrates the slip resistance recommended by the BAuA with regard to the hazard areas specified by the ASR A1.5/1,2. R11 is the most frequently recommended slip rating.

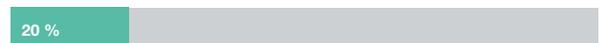
R11 slip rating



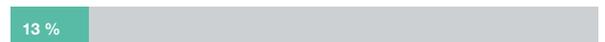
R12 slip rating



R10 slip rating



R9 slip rating



R13 slip rating



Ideal Cleanability

Have you ever tried to clean anti-slip coverings?

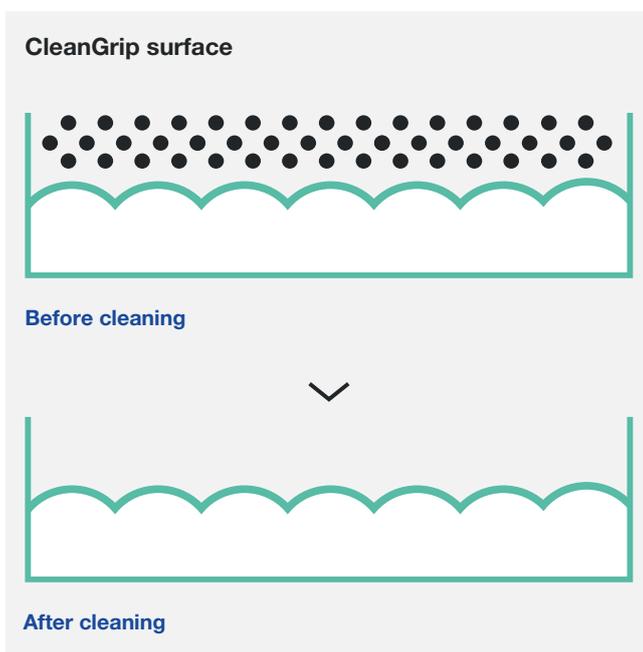
Dirt adheres particularly well to the rough mineral granules found in classic anti-slip coverings. Once it has entered the structure of the covering, cleaning becomes rather cumbersome. Instead of removing the dirt, mops and wiping cloths get stuck on the rough surface. The round structure of our CleanGrip micro beads can be wiped clean without any problems. Whilst the surface does not get dirty as quickly anymore, patterns, colours or warnings remain visible for a longer time, which contributes to the product's safety. The clear requirement for the hygienic cleanability of floors stipulated by the ASR A1.5/1,2 is thus fulfilled.



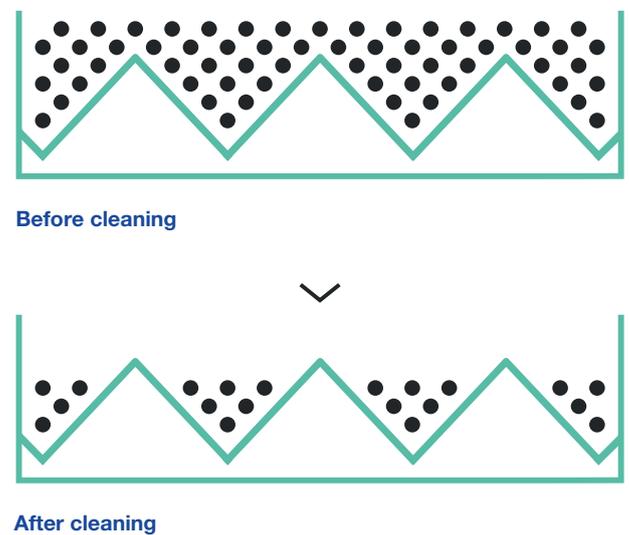
Dirt particles



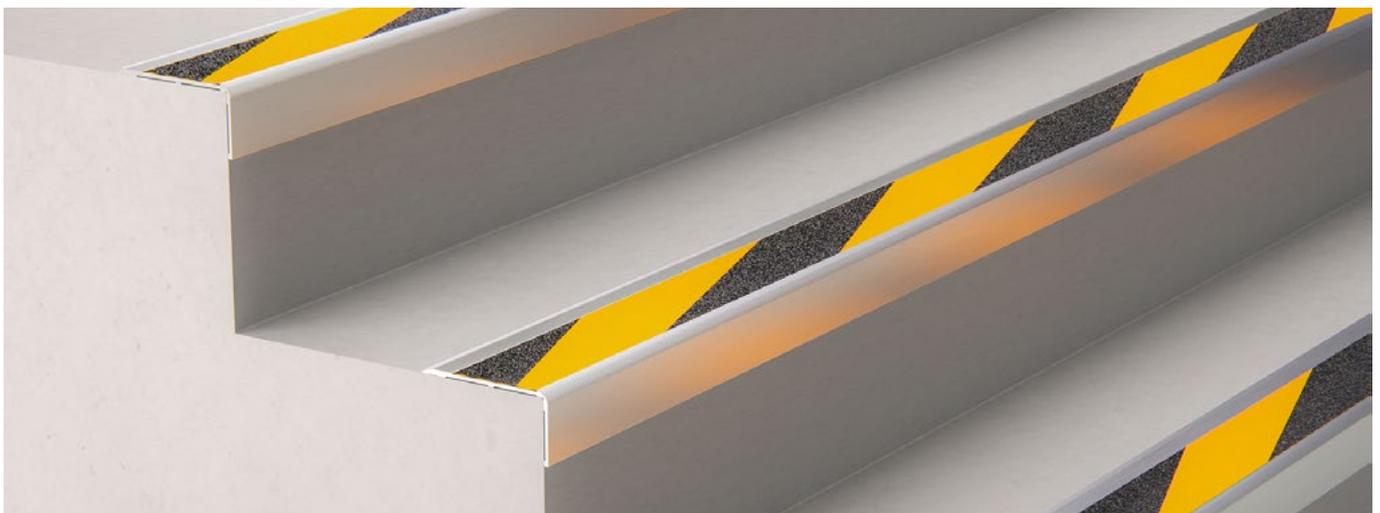
Surface structure



Product surfaces rated R13



Due to the pronounced high-low structure of rough R13 coverings, cleaning is virtually impossible, whereas our product's micro bead surface can be wiped clean without any dirt or cleaning rags getting caught on it.



Excellent Fire Safety

Optimised to serve the future rail transport

When it comes to railway vehicles, the topic of fire safety is just as important as the selection of the proper slip resistance rating and high-contrast markings. The requirements for fire protection on railway vehicles have been standardised on a Europe-wide basis by DIN EN 45545-2. As a result, clear guidelines need to be complied with.

Thanks to the targeted selection of each individual material and the consequent decision to do without PVC, the CleanGrip versions available have been rated HL2 or HL3 according to DIN EN 45545 (requirements for R10: interior, horizontal, upward-facing surfaces). In regards to fire safety, CleanGrip can be used for an almost unlimited number of flooring applications in railway vehicles.



Thanks to an excellent flammability rating, an R11 slip resistance classification that is ideal for entrance areas and carpets and, last but not least, a wide variety of design possibilities, CleanGrip can be used on retractable steps and treads and in the form of marking strips.

The combination of our products creates consistent and harmonious optics in the access areas of railway vehicles.

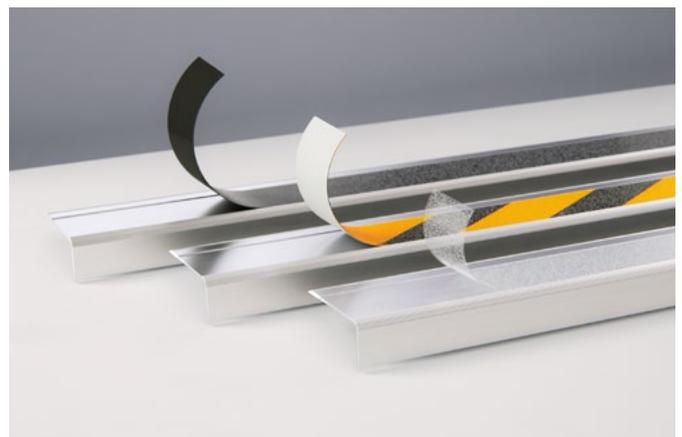
Individual Design

For modern interior design applications

We want to assist you as a problem solver, also when it comes to our new product, CleanGrip. Apart from our standard range of colours, which includes black, transparent and black & yellow, we also offer customised solutions.

A prominent example in this area is the latest generation of first class strips used by Deutsche Bahn in its ICE fleet. CleanGrip tape is easy to handle and suitable, amongst other things, for cold laminating or plotting.

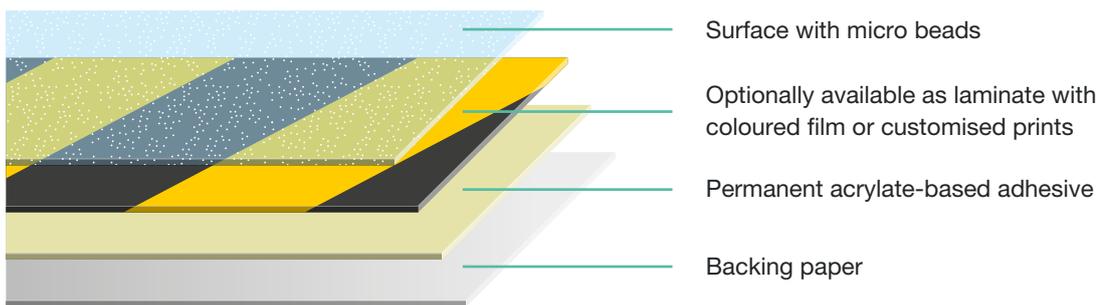
CleanGrip black / black & yellow / transparent
(optionally available with special motifs)



Properties & Technical Details

- 
R11 R11 slip resistance rating according to DIN 51130
- 
 Reduced dirt adhesion and good cleanability
- 
 Customised designs are available; the product can be plotted
- 
 Weather-resistant
- 
HL2
HL3 Good flammability properties: suitable for hazard levels HL1, HL2 and HL3 (R10, DIN EN 45545-2)

- 
 According to ASR A1.5/1,2, CleanGrip is ideal for entrance areas and stairs
- 
 High adhesive force throughout the whole product life cycle
- 
 PVC-free and thus free from harmful softeners
- 
 Pleasant haptics, can be walked on with bare feet thanks to the absence of abrasive granules



SFS – successfully different. Anti-slip coverings can be more than just film and mineral granules. We are deliberately different, and would like to convince you with our expertise and commitment!



Individual solutions



Innovative product development



Many years of experience



Personal advice



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