

# ArtDeck®

**Choose art with endless possibilities  
in shape, appearance, and color**

A unique application of grating technology. It consists of a standard grating with supporting strips, the meshes of which are filled with coloured granules. This creates the characteristic surface of **ArtDeck®**. Available with standard EPDM or EPDM FR, which has a fire-retardant effect. **ArtDeck®** gratings are frequently used as platforms, (roof) terraces, bridge decks, and galleries.

**ArtDeck®** is also available as stair treads, allowing platforms and stair treads to fit together seamlessly and create a uniform look.

- Opaque, providing a feeling of safety above water or from a height
- Fits in perfectly in architectural projects
- Permeable and Noise-reducing

**STACO** 

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Productsheet Specials - **ArtDeck®**

## ArtDeck®: Pressed grating with EPDM filling.

The patented **ArtDeck®** grating is constructed from a standard pressed grating with welded-in strips which are individually made to measure. The meshes of the gratings are then filled with one of our EPDM variants. Its weather-resistant character makes **ArtDeck®** perfectly suited for durable, aesthetic applications such as stairs, terraces, bridge decks, platforms, or raised floors.

**ArtDeck®** can be easily adapted to its application. Staco also supplies stair treads of the same configuration to complete the design. It is also possible to partially fill the meshes. The use of organic shapes can give a platform or an open (outdoor) space a special architectural character. We offer EPDM as the standard filling, but we always invite our customers to suggest new filling materials – for a personal touch that suits your project.

For applications in multi-story residential buildings and other public spaces, a fire-retardant variant is even available: EPDM FR. This version meets stricter safety requirements without compromising on appearance or functionality.

### Basic material specifications

- Hot dip galvanised steel (2 or 3 mm) or Stainless steel (2 or 3 mm)
- High load-bearing capacity
- Long span – up to 2 metres possible
- Durable, reusable and easy to maintain
- Also available in a drain-controlled version, where water is guided away in a controlled way so you can walk underneath without getting wet
- Normally applied strength tables of press gratings, increasing the maximum loadable weight to approx. 10 kg/m<sup>2</sup>
- EPDM filling is anti-slip due to the skid resistance of the granulate
- Bearing and crossbars without anti-slip

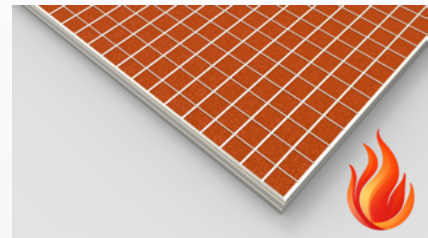
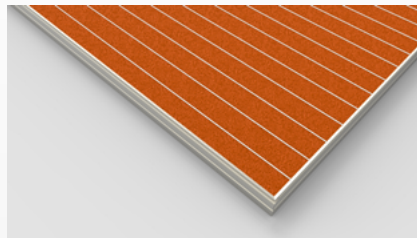
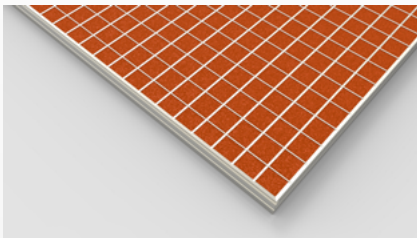




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## Our filling **variants**



### ArtDeck® Blocks EPDM

- EPDM filling available in various colours
- Blocks mesh width: 33x33 or 44x44 mm
- Anti-slip class granulate: comparable with Rutschklass R13
- Partial filling of gratings possible
- Welded strip 25 x 2 or 35 x 2 mm under EPDM granulate
- Minimum filling height required 10 mm
- Harness of the granulate 70 shore A
- Water permeability of 7l/sec/m<sup>2</sup>
- Noise-reducing
- Long service life
- Recyclable
- Temperature resistant from -25 to +80 degrees Celsius
- Refined look
- Replacement of the filling possible

### ArtDeck® Stripes EPDM

- EPDM filling available in various colours
- Stripes mesh width: 33 or 44 mm
- Anti-slip class granulate: comparable with Rutschklass R13
- Partial filling of gratings possible
- Welded strip 25 x 2 or 35 x 2 mm under EPDM granulate
- Minimum filling height required 8 mm
- Harness of the granulate 70 shore A
- Water permeability of 7l/sec/m<sup>2</sup>
- Noise-reducing
- Long service life
- Recyclable
- Temperature resistant from -25 to +80 degrees Celsius
- Refined look
- Replacement of the filling possible

### ArtDeck® Blocks or Stripes EPDM FR

- EPDM FR filling available in various colours
- Blocks mesh width: 33x33 or 44x44 mm
- Stripes width: 33 or 44 mm
- Anti-slip class granulate: comparable with Rutschklass R13
- Welded strip 25 x 2 or 35 x 2 mm under EPDM granulate
- Minimum filling height required 8 mm (lines) or 10 mm (blocks)
- Harness of the granulate 70 shore A
- Water permeability of 7l/sec/m<sup>2</sup>
- Noise-reducing and recyclable
- Long service life
- Great fire-retardant properties
- Exceed stringent fire safety standards under EN 13501-1 classification
- Drainage holes (mesh size 6-8 mm)
- For floor applications classified as Bfl-s1
- For ceiling and wall applications classified as Bs1-d0
- Perfectly applicable in layered or multiple level residential buildings
- Refined look
- Replacement of the filling possible

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