

# Acrylic Floor Paint

## Product description:

Silk matt, polyurethane reinforced 1K acrylic sealant on mineral flooring indoors and outdoors with normal walking loads. Tested according to AgBB (Committee for Health-related Evaluation of Building Products) test criteria for VOC emissions from indoor relevant building products. Permitted for use in common rooms. Do not use on surfaces that are driven on and surfaces with stagnant water or those that are in a continuously wet condition.

## Application:

For surfaces such as concrete, mineral plastering, cement, anhydrite, magnesite screed as well as hard asphalt (IC 10 or IC 15) and old 1K coatings free of plasticisers.

## Properties:

- single-component
- quick drying
- water thinnable
- for indoors and outdoors
- low emission
- odourless
- solvent- and plasticiser-free
- good abrasion resistance
- easy to clean
- suitable for DGNB quality levels 1 - 4
- anti slip rating R10

## Binding agent basis:

Polyurethane reinforced acrylic dispersion

## Spec. weight:

approx. 1.3 kg/l

## Gloss level:

Silk matt

## Colours:

Pebble grey (approx. RAL 7032), concrete grey (approx. RAL 7023) Wide range of colours using the Mega Mix paint mix service.

## Packaging size:

5 l and 12.5 l

## Application:

With brush, paint roller or airless sprayer.

## Surface:

The surface must be clean, dry, stable, load-bearing, dimensionally stable and free of separating substances. Adhesive tensile strength must be at least >1 N/mm<sup>2</sup>.

The surfaces must have achieved their equilibrium moisture content:

Concrete and cement screed:	max. 5 weight %
Anhydrite screed:	max. 1 weight %
Magnesite screed:	2 - 4 weight %
Xylo-lite screed:	4 - 8 weight %

1. Remove any soiling (dust, dirt, etc.) from the load-bearing surfaces.

2. Prepare non-load-bearing, severely soiled surfaces, which are soiled with oils, greases, rubber abrasion, etc. or show mealy or glassy cement stone by shot-blasting or the like.

3. Remove loose coats or non-adhesive coats of paint from coated surfaces. Clean tightly adhering 1k coatings and old tightly adhering dispersion coatings that are free of plasticisers. Sandpaper tightly adhering, fixed 2K coatings or prime with MEGA 052 Aquallack Epoxi Grund 2K.

## Coating system:

MEGA 710 Acrylic Floor Paint can be applied using a brush, airless sprayer or paint roller. Stir well before use.

## Indoors:

Dilute primer coat with 30 % water. Apply the intermediate and top coat undiluted.

## Outdoors:

Prime with MEGA 202 Hydrogrund diluted with up to 50 % water. Apply the intermediate and top coat undiluted.

## Note:

MEGA 710 Acrylic Floor Paint cannot be used to coat oil trays.

## Technical specifications

### Dilution:

As a primer with water up to a max. of 30 %.

### Cleaning the tools:

Clean immediately after use and in the case of longer work breaks using water and soap.

### Drying process:

Can be treated after approx. 6 hours (according to AgBB after 24 hours). Mechanical load-bearing capacity is given after approx. 3 days (at +20 °C and 60 % rel. humidity).

## Consumption:

Primer coat (diluted): approx. 150 - 200 ml/m<sup>2</sup>  
Intermediate and top coat: each approx. 150 ml/m<sup>2</sup>

## Airless spraying:

Nozzle: 0.013 - 0.015 inch = 0.33 - 0.38 mm;  
do not use a filter

## General information

### Application conditions:

5 - 30 °C object and ambient temperature, relative humidity max. of 80 %. The temperature of the surface should always be 3 °C above the dew-point temperature.

### Storage:

Store cool, dry and frost-free. Original closed container can be stored stably for 2 years at approx. +20 °C.

### Declaration of the substances of content:

Acrylic resin dispersion, titanium dioxide, silicates, calcium carbonate, water, film-forming additives, additives, preservatives

### Information on disposal:

Only give fully empty containers to recycling. Liquid material residues can be disposed of as wastes resulting from water-based paints, dried up material residue in the form of hardened paints or as household waste.

### EU threshold value for this product:

Product category: A/i  
140 g/l VOC (2010)  
This product contains <1 g/l VOC.

### GISCODE:


BSW20

### WGK 1:

Self-classification

### Observe the safety data sheet!

# Acrylic Floor Paint

 <b>MEGA</b> <b>Malereinkaufsgenossenschaft e.G.</b> <b>Fangdieckstraße 45</b> <b>22547 Hamburg</b>
10 <sup>1</sup>
EN 13813 SR-AR2-Efl-B1,5-IR4
Synthetic resin screed/coating for indoor use in buildings (constructional systems according to technical information)
Fire classification: Efl <sup>2</sup>
Release of corrosive substances (Synthetic Resin Screed): SR
Water permeability NPD <sup>3</sup>
Abrasion resistance : AR1
Bond: B1,5
Impact resistance : IR4
Footfall sound insulation: NPD <sup>3</sup>
Acoustic absorption NPD <sup>3</sup>
Heat insulation: NPD <sup>3</sup>
Chemical resistance: NPD <sup>3</sup>

### CE label DIN EN 13813:

DIN EN 13813 "Screed material and floor screeds – Screed materials – Properties and requirements" (January 2003) defines requirements for floor screeds, which are used indoors for floor constructions. Synthetic resin coatings and sealants are also included in this standard. Products that comply with the aforementioned standard have a CE label.



1) the last two digits of the year the CE label was attached.

2) in Germany, DIN 4102 continues to apply; fire classification B2 is met.

3) NPD = No Performance Determined

