

# Design Flooring Adhesive

## Intended purpose:

Very low emission wet-bed dispersion adhesive for homogeneous and heterogeneous PVC flooring in lengths or planks, PVC design flooring (LVT), CV flooring and quartz vinyl boards on absorbent surfaces.

## Properties:

- quick initial adhesion
- very easy to apply
- low consumption

MEGA 840 Design Flooring Adhesive is not suited for PVC-laminated cork flooring.

## Base surface preparation:

Surfaces must meet the requirements of the ATV DIN 18 365 "Flooring Work". In particular, they must be clean, free of cracks, stable, dry and free of separating agents. To compensate for unevenness, first pretreat the surface with proper MEGA precoat/primers and then, smooth with recommended MEGA filling compounds.

## Application:

Stir adhesive well and apply to the surface using a toothed scraper A2 or A3. Place the flooring onto the still wet adhesive bed after a flash-off time of approx. 10 minutes without air pockets and rub over it carefully, to achieve a good wetting of the backing of the flooring. The flooring to be bonded must be slack and laying as flat as possible; otherwise it must be weighed down. Avoid seam deformation. After the flooring has been installed, it is extremely important to roll or rub over it again intensively. Do not weld the joints until 24 hours after laying; at the earliest. Do no process below 15°C ground temperature or above 75% relative humidity. Remove possible adhesive film (e.g. caused by improper storage); do not stir in! Immediately remove product stains/spots with a damp cloth. Work equipment can be cleaned using water. Tightly seal the opened container.

## Technical specifications

### Substances of content:

Acrylate dispersion resin-modified, mineral filling agents, additives, preservatives

### Container size:

14 kg bucket

### Consumption:

Toothing A2:	approx. 300 g/m <sup>2</sup>
Toothing A3:	approx. 330 g/m <sup>2</sup>
Flash-off time:	approx. 10 minutes
Open time:	approx. 30 minutes
Load-bearing after:	approx. 24 hours
Setting time (ultimate adhesive strength) after:	approx. 72 hours

## Castor chair suitability:

Yes, in connection with flooring suited for castor chairs.

## Temperature resistance after setting:

Up to a max. of 50 °C, can be used on heating flooring constructions.

## Temperature resistance for transport and storage:

0 °C to 50 °C, protect against frost!

## Shelf life:

12 months under normal climate conditions. Flash-off and open time depend on the temperature, relative humidity and absorptivity of the surface. They are shortened with increasing temperature and decreasing humidity; opposite climate changes and non-absorbent surfaces on the other hand lead to longer times.

## GISCODE: D1

## EMICODE: EC1

## Important information

### The following bulletins must be observed:

1. Elastic flooring, textile flooring and parquet flooring on heated flooring constructions, German Building Industry Association
2. Information on assessing and preparing the surface of anhydrite self-levelling floor screeds, German Federal Association of Screed and Floor Covering
3. Installation guidelines from the flooring manufacturers

### Product safety:

Treated articles according to Directive (EU) no. 528/2012: contains biocide (in-can preservatives) 1,2-benzisothiazol-3(2H)-one, mixture of 5-chlorine-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). Can cause allergic reactions. Contains bronopol. Wear safety gloves, protective goggles/face shield. Keep out of the reach of children. Provide for sufficient ventilation during application and drying process. Avoid eating, drinking and smoking during application of the product. Wear protective goggles, waterproof and sturdy gloves and trousers during application. In the case of contact with eyes or skin, immediately rinse thoroughly with water. The longer freshly prepared material remains on your skin, the more severe the risk of serious skin injuries. If eye irritation does not subside within a few minutes, please consult an eye specialist. If a physician needs to be consulted, have packaging or identification label at hand. Keep fresh material away from children. Clean tools immediately after use using water.

Do not allow to penetrate sewage system, waterbodies or ground soil. Opened containers must be immediately sealed airtight. Information for persons with allergies at: +49 (0) 40 54004-0. Please observe the current technical bulletin and safety data sheet at [www.mega.de](http://www.mega.de).

## Disposal:

Only give fully empty containers to recycling. Dispose of hardened remaining product as household-type commercial/construction waste. Non-hardened remaining product must be brought to the special waste collection point. The European waste code numbers (EWC) can be obtained from the manufacturer. The aforementioned information, particularly suggestions for the application and use of our products is based on our knowledge and experiences. Because of the different materials and work conditions outside our sphere of influence, we do in any case, recommend sufficient attempts on your own, to ensure the suitability of our products for the intended process and application purposes. Liability is neither constituted based on this information nor on oral consultation, unless we are accused of intent or gross negligence in this respect.

## Observe the safety data sheet!



[www.btsuer-engel.de/12113](http://www.btsuer-engel.de/12113)

Flooring materials labelled with the GEV\* mark EMICODE EC1 as "very low emission" offer the highest level of safety regarding indoor air pollution.

\*GEV = Gemeinschaft Emissionskontrollierte Verlegewerkstoffe e.V. (Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials)