

Multi-use conductive flooring adhesive

UKL 308-L

Fields of application

- Dispersion adhesive for floors in the interior.
- For gluing conductive
 - textile flooring and fibre bonded carpet
 - PVC flooring
 - linoleum flooring up to a thickness of 4 mm
 - natural rubber flooring with sanded backing and smooth or slightly structured surface up to a thickness of 3.5 mm.
- Also for absorbent double bottom elements.
- Suitable for underfloor heating.
- Suitable for exposure to chair castors to DIN EN 12 529.
- Suitable for cleaning by wet shampooing and spray extraction.

Features and benefits

- Very low emissions PLUS, GEV-EMICODE EC 1 PLUS.
- Awarded the environmental label "Blauer Engel" due to low emissions (RAL UZ 113).
- Solvent free to TRGS 610; Giscode D 1.
- Conductive to DIN EN 13 415.
- Contains carbon fibres..
- Colour: grey.
- Good workability.
- High adhesive strength.

Packaging size

- 13 kg plastic pail
stock no. 4362/2



Emissionsgeprüftes Bauprodukt
nach DIBt-Grundsätzen



Technical data

Material

Material base	acrylate dispersion, fibres, mineral fillers, additives, preservative agents
Components	single component
Consistency	pasty
Colour	grey
Electrical resistance to DIN EN 13415	$< 3 \times 10^5 \text{ Ohm}$
Shelf life	min. 9 months; store dry and frost free, no permanent storage over +30°C

Application

Consumption (depending on substrate condition and underside of flooring)	
- PVC flooring, natural rubber flooring with notched trowel Pajarito 7	approx. 250 - 350 g/m ²
- textile flooring, fibre bonded carpet, linoleum flooring with TKB notch size S 2	approx. 400 - 500 g/m ²
Ambient, substrate and material temperature	+15°C to +30°C
Application method	one-sided application to the substrate;
- PVC flooring, natural rubber flooring	notched trowel Pajarito 7
- textile flooring, fibre bonded carpet, linoleum flooring	TKB notch size S 2
Installation time* after application of adhesive for	
- textile flooring, fibre bonded carpet	approx. 5 to 20 minutes
- PVC flooring	approx. 5 to 20 minutes
- natural rubber flooring	approx. 5 to 15 minutes
- linoleum flooring	approx. 0 to 10 minutes
Able to bear weight after*	approx. 24 hours
Seam sealing of linoleum flooring with weld rod and/or seam welding of PVC flooring, natural rubber flooring	24 hours after installation at the earliest*
Final adhesive strength after*	approx. 72 hours

* At +23°C and 50% relative humidity. Higher temperatures reduce, lower temperatures increase the times given. Higher humidity increases the times given.



notch size S 2



notch size Pajarito 7

Suitable substrates

- Absorbent mineral floors.
- Absorbent double bottom elements.
- Mineral PCI fairing coats.

Preparation of substrate

- The requirements in accordance with the German standard DIN 18 365 apply.
- The substrate must be ready to take further coverings, clean, dry, crack free, structurally sound, able to bear weight, level, free from paint and other residues which could impair adhesion. The substrate must be free from any sand layer.
- Rough-grind substrate if necessary, thoroughly vacuum-clean with a high-speed industrial vacuum cleaner, prime in normal cases with the suitable PCI products and smooth. Priming is absolutely required with PVC flooring, linoleum flooring and natural rubber flooring. Apply a floor leveller to a thickness of min. 2 to 3 mm.
- Conductive system:**
 - A connection to the potential equalisation (earthing) must be installed every 30 m² with a copper tape flag, approx. 1.5 m long, as well as a loop wiring system approx. 0.5 m away from the wall.
 - **All connections must be carried out by an electrician in accordance with the valid regulations.**

Application procedure of PCI UKL 308-L

- Stir PCI UKL 308-L well before use and evenly apply to the substrate using a suitable notched trowel. **Use the indicated notch sizes only!**
- Allow the adhesive to evaporate depending on the backing. Lay the conductive flooring within the indicated installation times. Use a roller on the floor (see "Application/Technical Data"). Repeat this process after approx. 30 minutes.
- Ensure good adhesive transfer to the underside of the flooring.
- Seam-sealing with weld rod in linoleum flooring can be done after 24 hours at the earliest. Seams in PVC floorings and natural rubber floorings can be welded after 24 hours at the earliest.
- Clean contaminated textile flooring / fibre bonded carpet immediately with water or carpet cleaner.
- Clean tools with water immediately after use.
- **Follow the special installation instructions issued by the flooring manufacturers.**

Information on the safe use

Product contains:
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE, 2-METHYL-2H-ISOTHIAZOL-3-ONE and 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

Keep out of reach of children. Provide for proper ventilation during and after processing. When using, do not eat, drink or smoke. If in eyes or on skin: rinse immediately with plenty of water. If the eye irritation does not ease off within

a few minutes seek prompt medical advice.

For further information: see PCI Material Safety Data Sheet.

Disposal of product residues

Do not empty product/residues of material into drains, bodies of water or ground. Cured material residues can be disposed of as construction or industrial

waste. Non-cured material residues with or without packaging must be disposed of in accordance with the local waste disposal regulations.

Disposal of emptied PCI sales packaging

Only completely emptied containers should be returned for recycling. PCI participates in an area-wide waste disposal system for sales packaging completely emptied. DSD – Duales System Deutschland (Dual System

Germany, contract number 1357509) is our partner for waste disposal. PCI sales packaging completely emptied can be disposed of via DSD in accordance with the symbol printed on the packaging.

Services for architects and designers

Consultations at the workplace, supplementary information, testing certificates and sample descriptions can

be requested from professional advisors and at the company headquarters.



PCI Augsburg GmbH

Piccardstr. 11
86159 Augsburg
P.O.B. 10 22 47
86012 Augsburg
Germany
Tel. +49 (821) 59 01-0
Fax +49 (821) 59 01-372
www.pci-augsburg.de



In view of widely varying site conditions and fields of application of our products this technical data sheet is meant to provide general application guidelines only. This information is based on our present knowledge and experience. The customer is not released from the obligation to conduct careful testing of suitability and possible application for the intended use. The customer is obliged to contact the technical help-line for fields of application not expressly stated in the technical data sheet under "Fields of Application". Use of the product beyond the fields of application as stated in the technical data sheet without previous consultation with PCI and possible resulting damages are in the sole responsibility of the customer. All descriptions, drawings, photographs, data, ratios, weights a.o.

Technical Data Sheet No. 83 (September 2017), Any subsequent publication supersedes this edition. German edition February 2016; the latest edition is always available on the Internet under www.pci-augsburg.de

stated herein can be changed without advance notice and do not represent the condition of the product as stipulated by contract. It is the sole responsibility of the recipient of our products to observe possible proprietary rights as well as existing laws and provisions. The reference of trade names of other companies is no recommendation and does not exclude the use of products of similar type. Our information only describe the quality of our products and services and are no warranty. Liability is accepted for incomplete or incorrect particulars in our data sheets only in the event of intent or gross negligence, without prejudice to claims under product liability laws. All transactions are subject to our Terms of Sale and Supply.