

# Multi-use flooring adhesive

# UKL 302

## Fields of application

- Dispersion adhesive for floors in the interior.
- For gluing
  - textile flooring with textile backing
  - textile flooring with jute backing
  - textile flooring with latex, PVC or PUR foam backing
  - textile flooring with synthetic secondary backing
  - fibre bonded carpet
  - woven textile flooring
  - PVC flooring in rolls and tiles
  - PVC flooring with textile nonwoven backing
  - PVC flooring with foam backing

- PVC coated cork tiles
- linoleum flooring in rolls
- cork linoleum
- natural rubber flooring with smooth, sanded backing up to a thickness of 2 mm
- PCI sound reducing underlay.

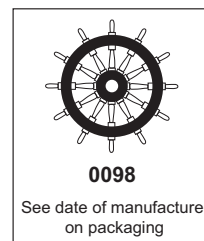
- Suitable for underfloor heating.
- Suitable for exposure to chair castors to DIN EN 12 529.
- Suitable for cleaning by wet shampooing and spray extraction.
- Suitable for the use on ships; meets the requirements of Marine Equipment Directive (MED) 96/98/EC.

## 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.
- Low odour development.
- Good adhesion development.
- Various fields of application.

## Packaging size

- 14 kg plastic pail stock no. 4360/8
- 7 kg plastic pail stock no. 4361/5



## Technical data

### Material

Material base	acrylate dispersion resin-modified, mineral fillers, additives, preservative agents
Components	single component
Consistency	pasty
Colour	white
Shelf life	min. 9 months; store dry and frost free, no permanent storage over +30°C

### Application

Consumption	approx. 300 to 440 g/m <sup>2</sup>
Ambient and substrate temperature	+15°C to +25°C
Application method	one-sided application to the substrate, TKB notch size (see figure) depending on backing A 1 or A 2 for PVC flooring, B 1 or B 2 for textile flooring and linoleum flooring, A 2 for natural rubber flooring, A 2 or B 1 for PCI sound reducing underlays depending on type of top flooring
Installation time** after application of adhesive for	
- textile flooring	approx. 5 to 30 minutes
- PVC flooring	approx. 10 to 30 minutes
- PVC flooring with PU foam backing	approx. 10 to 20 minutes
- linoleum flooring	approx. 0 to 20 minutes
- natural rubber flooring	approx. 10 to 20 minutes
Able to bear weight after*	approx. 24 hours
Seam sealing of linoleum flooring with weld rod after*	approx. 24 hours
Seam welding of PVC and natural rubber floorings after*	approx. 24 hours
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.

\*\* Depending on room climate, layer thickness and absorbency of substrate. In case of non-absorbent substrates and low temperatures and/or very high humidity the evaporation time may considerably increase.



notch size A 1



notch size A 2



notch size B 1



notch size B 2

## Suitable substrates

- Absorbent mineral floors.
- Mineral PCI levellers.
- PCI sound reducing underlays.

## 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, level and able to bear weight. Remove paint and other residues which could impair adhesion. The substrate must also 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 on PVC flooring, linoleum flooring and natural rubber flooring. Apply a floor leveller to a thickness of min. 2 to 3 mm.

## Application procedure of PCI UKL 302

- Stir PCI UKL 302 well before use and evenly apply to the substrate using a suitable notched trowel.
- **Textile flooring:** Allow adhesive to evaporate for approx. 5 minutes. Lay flooring within the installation time of 5 to 30 minutes. Use a roller on the floor. Repeat this process after approx. 20 minutes especially with rigid flooring.
- **PVC flooring:** Allow adhesive to evaporate for approx. 10 minutes. Lay flooring within the installation time of 10 to 30 minutes. Use a roller on the floor. Lay PVC flooring with PU foam backing within the installation time of 10 to 20 minutes. Use a roller on the floor. Repeat this process after approx. 20 minutes.
- **Linoleum flooring:** A suitable room climate of at least +18 °C and a relative humidity under 65% is required for proper laying. The flooring must be adapted to room temperature before the installation; linoleum flooring in rolls should therefore be roughly cut the day before the installation and stored on end and in upright position in a tempered room until they are laid. Lay flooring within the installation time of 0 to 20 minutes after the adhesive has been applied. Use a roller on the floor. Repeat this process after approx. 20 minutes.
- **Natural rubber flooring:** Allow adhesive to evaporate for approx. 10 minutes. Lay flooring within the installation time of 10 to 20 minute. Use a roller on the floor. Repeat this process after approx. 20 minutes.
- Clean tools with warm water immediately after use. Clean contaminated flooring immediately with water or carpet cleaner (textile flooring).
- **Follow the special installation instructions issued by the flooring manufacturers.**

## Please note

- Avoid direct sunlight during and within the first 72 hours after the installation.
- Apply a fairing coat with PCI DIS 44 to the sound reducing underlay before gluing PVC flooring and CV floorings on PCI sound reducing underlay.
- Allow a much longer evaporation time on this non-absorbent substrate to avoid blowholes forming in the top flooring.
- Contact the technical help-line when laying natural rubber flooring subject to moisture, high temperatures (e.g. by direct sunlight and/or in the attic area) or mechanical loads beyond chair castors (e.g. forklifts).

## 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



zertifiziertes Qualitäts-  
managementsystem

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.

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.

Technical Data Sheet No. 72 (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](http://www.pci-augsburg.de)