

Multi-use primer

VG 2

Fields of application

- Dispersion primer for floors in the interior.
- For priming prior to the application of floor levelers and fairing coats, also when subsequently bonding parquet flooring.
- For priming on
 - absorbent substrates such as cement screed, calcium sulfate screed or magnesite screed
 - mastic asphalt screed
 - non-absorbent substrates such as tiles and coatings

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 D1.
- EU 2004/42/IIA(g)(50/30): < 2 g/l

Packaging size

- 15 l plastic can
stock no. 4135/2

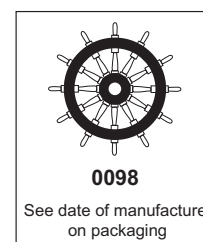
- Terrazzo floors
- particle boards, OSB boards and wooden floorboards
- substrates with waterproof residues from dispersion adhesives and reaction resin adhesives.
- Suitable as filling base coat on wooden floorboards, particle boards and ceramic tiles after adding it to PCI STL 39 non-sag fairing coat.
- Suitable for the use on ships; meets the requirements of the Marine Equipment Directive (MED) 96/98/EC.

- Can be diluted with water 1 : 2 depending on substrate.
- Only little splashing during the application.
- Colored yellow-orange for good coverage control.
- Prevents blowholes forming and rapid drying when leveling the substrate.

- 5 l plastic can
stock no. 4136/9



www.blauer-engel.de/uz113



Technical data

Material

Material base	acrylate dispersion, colored pigments, additives, preservative agents
Components	single component
Consistency	fluid
Control dye	yellow-orange
Shelf life	min. 12 months; store dry and frost free, no permanent storage over +30°C

Application

Consumption (undiluted material)	approx. 50 to 150 ml/m ² depending on substrate condition
Ambient and substrate temperature	+10°C to +25°C

Primer chart

Substrate	dilution with water	drying times ¹⁾ walkable after	application of floor leveller after
Concrete floor, cement screed ²⁾	1 : 2 (1 part PCI VG 2; 2 parts water)	approx. 15 minutes	30 minutes at the earliest
Calcium sulfate screed, magnesite screed	1 : 2 (1 part PCI VG 2; 2 parts water)	approx. 30 minutes	1 hour at the earliest
Mastic asphalt screed	1 : 1	approx. 60 minutes	2 hours at the earliest
Substrates with waterproof adhesive residues	undiluted	approx. 30 minutes	1 hour at the earliest
Substrates primed with PCI VG 5 or PCI Epoxigrund 390/Rapid ³⁾	undiluted	approx. 30 minutes	1 hour at the earliest
Non-absorbent substrates (e.g. ceramic tiles)	undiluted	approx. 30 minutes	1 hour at the earliest
Particle boards, OSB boards, wooden floorboards	1 : 1 2 coats	approx. 30 minutes 2 nd coat when walkable	1 hour after 2 nd coat at the earliest

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

2) Very absorbent concrete floors and cement screeds (e.g. shot-blasted substrates): apply two coats of PCI VG 2 diluted with water 1 : 2 (second coat when walkable).

3) If PCI VG 2 is applied as a bonding agent (instead of scattering silica sand over the surface) to substrates primed with PCI VG 5 or PCI Epoxigrund 390 and/or PCI Epoxigrund Rapid, it must be observed that PCI VG 2 must be applied to this primer within max. 48 hours from time of walkability of the last required coat of PCI VG 5, PCI Epoxigrund 390 or PCI Epoxigrund Rapid.

Preparation of substrate

- The requirements in accordance with the German standards DIN 18365 and/or DIN 18356 apply.
- The substrate must be dry, structurally sound, clean and able to bear weight. Patches of oil, surfaces which could impair adhesion and dirt must be thoroughly removed. Adhesive residues must be ground down, wooden floors must be rough-ground.
- Cement screeds must not have a residual moisture content in excess of 2%, rough-ground calcium sulphate screeds not more than 0.5 % (measured with a CM meter).
- Fill existing cracks with suitable PCI cast resins.

Application procedure of PCI VG 2

- 1 Shake contents well before use.
- 2 Apply a generous amount of PCI VG 2 onto the substrate using e.g. a fine-pored foam roller, surface scraper or soft broom, undiluted or diluted with water up to 1 : 2 depending on the substrate (see primer chart under Technical Data/Application). A second coat of primer can be applied as soon as the first one is walkable. Avoid puddles forming during the application. Use particle filter mask P 2 for spray application.
- 3 Follow drying times of PCI VG 2 before applying fairing coats!

Please note

- Two coats of PCI VG 2 must be applied (second coat as soon as walkable), diluted with water 1 : 2, in case of very absorbent concrete floors and cement screeds (e.g. shot-blasted substrates).
- If PCI VG 2 is applied as a bonding agent (instead of scattering silica sand over the surface) to a substrate primed with PCI VG 5 or PCI Epoxigrund 390 and/or PCI Epoxigrund Rapid, it must be observed that PCI VG 2 must be applied to this primer within max. 48 hours from time of walkability of the last required coat of PCI VG 5, PCI Epoxigrund 390 or PCI Epoxigrund Rapid.
- In case of increased residual moisture in cementitious substrates, use PCI VG 5 PU primer or PCI Epoxigrund 390 and/or PCI Epoxigrund Rapid and contact the PCI technical help-line.
- PCI VG 2 is not suitable for use as primer on sulphite and bituminous adhesive residues as well as on water-soluble adhesive residues. Such substrates should be primed with PCI VG 5 PU primer or PCI Epoxigrund 390 and/or PCI Epoxigrund Rapid.
- Clean tools with water immediately after use.
- Please see the respective technical data sheets to check suitability and application of PCI VG 2 as primer when directly bonding parquet flooring to suitable substrates.
- **PCI VG 2 mixed with PCI STL 39 can be used as fast setting, flexible and filling base coat.**

Field of application: For filling joints or small voids and simultaneously priming or smoothing wooden floors, particle boards and ceramic tiles before applying floor levelers and subsequently bonding textile

floorings and resilient floorings.

Mixing ratio: As gauging water for PCI STL 39: dilute 1 part of PCI VG 2 with 2 parts of water. Instead of gauging water, fill mixing water in a clean bucket, add PCI STL 39 and mix until lump free.

Processing: Apply mixed material to the prepared substrate using a trowel, work into joints or voids and scrape off right away to produce a smooth surface (layer thickness up to 1 mm). Be sure that joints or voids are filled flush with the surface. Processing time approx. 12 minutes (at +23°C and 50% rel. humidity). A floor leveler, e.g. PCI HSP 34, can be applied as soon as the primer coat is walkable (approx. 40 minutes).

Information on the safe use

Treated goods in accordance with regulation (EU) No 528/2012: Contains biocide (in-can preservative): 2-methyl-2H-isothiazolin-3-one, 1,2-benzisothiazol-3(2H)-one, mixture of: 5-chloro-2-methyl-2H-isothiazolin-3-one and 2-methyl-2H-isothiazolin-3-one (3:1). 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. Wear protective gloves. Protect eyes where there is risk from splashing. In case of contact with eyes thoroughly rinse with water. If the eye irritation does not ease off within a few minutes seek medical advice. If

medical advice is needed, have product container or label at hand. Clean tools with water immediately after use. Do not discharge into drains/surface waters/groundwater. Observe national and local legal waste disposal requirements.

Giscode D1

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. For further information on disposal see the safety and environmental information in the price list and also on the Internet at http://www.pci-augsburg.eu/de/service/disposal_instructions.html.

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.

The working conditions on construction sites and the areas of application of our products are highly diverse. In the technical data sheets, we can only give general instructions for the use of our products. These are in accordance with the information currently available to us. Architects, engineers and the users of our products are under an obligation to verify the suitability of our products and the feasibility of using them for their specific applications. For applications not explicitly referred to under "Area of applications" in the technical data sheet, architects, engineers and users of our products are under an obligation to obtain technical advice from PCI. In the event that the product is used outside the scope of applications defined in the technical data sheet without obtaining the advice of PCI, the user of the product will be liable for any loss or damage arising as a result of the use of the product. All the descriptions, drawings, photographs, data, conditions, weights, etc. stated in the technical data sheet may be changed without notice and do not represent the agreed properties of the product. Recipients of our products are under an obligation to comply with any proprietary rights and any applicable laws and regulations under their own responsibility. If trade names used by other companies are referred to in this technical data sheet, such references do not represent a recommendation for the use of such products and do not exclude the use of other comparable products. The information which we provide only describes the characteristics of our products and services and does not represent any guarantee. A guarantee of specific properties or the fitness of the product for a specific purpose cannot be derived from the information which we provide. We will not be liable for any incomplete or incorrect information in our information material except in the case of wilful act or omission or gross negligence. This disclaimer does not affect any claims under the Produkthaftungsgesetz (Product Liability Act).



PCI Augsburg GmbH
 Piccardstr. 11 · 86159 Augsburg
 Tel. +49 (8 21) 59 01-0
 Fax +49 (8 21) 59 01-372
www.pci-augsburg.de



certified quality management system

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