

Fast setting leveller

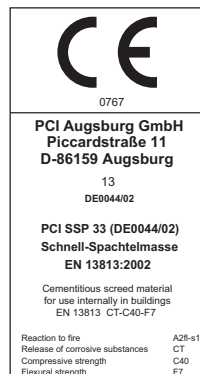
SSP 33

Fields of application

- For indoor use.
- Cementitious leveller for smoothing and levelling floors prior to the installation of
 - textile flooring and resilient flooring
 - parquet flooring or laminate flooring to be glued.
- For producing smooth and level surfaces.
- For levelling
 - cementitious substrates
 - calcium sulphate screeds
 - magnesite screeds
 - mastic asphalt screeds
 - ceramic tiles
 - coatings.
- Without primer suitable for levelling substrates with
 - an impermeable, firmly bonding, waterproof and hard adhesive bed
 - new mastic asphalt screeds scattered with sand
 - cementitious substrates (from normal to low absorbency).
- For layer thickness from 0.5 to 10 mm; for parquet or laminate flooring to be glued from 2 to 10 mm; for mastic asphalt screeds from 2 to 5 mm.
- Suitable for
 - underfloor heating
 - exposure to chair castors (from 1 mm minimum layer thickness).

Features and benefits

- Very low emissions PLUS, GEV-EMICODE EC 1 PLUS R.
- Awarded the environmental label "Blauer Engel" due to low emissions (RAL UZ 113).
- Low in chromates; Giscode ZP 1.
- Dust reduced; reduced development of dust when opening, pouring and mixing the product.
- Self levelling, can be applied with surface scraper in upright position.
- Fast curing, walkable after approx. 60 minutes, grindable after approx. 90 minutes.



Packaging size

- 25 kg PE lined heavy duty paper bag and integrated tear strip
stock no. 4203/8

Technical data

Material

Material base	special cement, mineral fillers, redispersible polymer powder, additives
Components	single component
Consistency	powder
Colour	grey
Shelf life	min. 6 months; store dry, no permanent storage over +30°C. Be sure that open sacks are tightly sealed, use up within a short period.

Application

Consumption	approx. 1.5 kg of powder per m ² and mm layer thickness
Layer thickness	0.5 to 10 mm; for mastic asphalt screeds from 2 to 5 mm. For parquet flooring or laminate flooring to be glued: minimum layer thickness 2 mm!
Ambient and substrate temperature	+10°C to +25 °C
Mixing ratio	25 kg of PCI SSP 33 + 5.75 to 6.25 l of water For partial quantities: 1 kg of PCI SSP 33 + 230 to 250 ml of water
Consistency	very fluid
Processing time*	approx. 15 to 20 minutes
Curing time* at 2 mm layer thickness	
– walkable	after approx. 60 minutes
– grindable	after approx. 90 minutes
– ready to take further floorings	
- vapour-permeable	after approx. 90 minutes
- vapour-impermeable	after approx. 2 hours
- parquet flooring or laminate flooring	after approx. 2 hours
Suitable for exposure to chair castors	from 1 mm minimum layer thickness

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

Preparation of substrate

- The requirements in accordance with the German standard DIN 18 365 and/or DIN 18 356 apply.
- The substrate must be clean, dry, structurally sound, able to bear weight, free from oil and grease, paint and other residues which could impair adhesion.
- Remove heavy contamination and residues and/or surfaces which could impair adhesion by mechanical means (shotblasting, grinding). Fill spalled areas and holes with PCI STL 39 *light* non-sag leveller.
- Fill existing cracks with suitable PCI cast resins.
- PCI SSP 33 must be prevented from spreading into perimeter joints by taking suitable measures, e.g. perimeter insulation strips.
- Remove soft or loose adhesive residues.
- Rough-grind firmly bonding adhesive residues.
- Remove residues of adhesive and levelling compound before gluing parquet flooring or laminate flooring to PCI SSP 33.
- The tensile strength of the prepared surface must not fall below an average of 1.0 N/mm² when subsequently gluing parquet flooring or laminate flooring.

Priming

- Prime substrates with PCI VG 2 multi-use primer. Follow drying times of primer! See technical data sheets for detailed information.
- PCI SSP 33 without priming is suitable for levelling
 - substrates with an impermeable, firmly bonding, waterproof and hard adhesive bed
 - new mastic asphalt screeds scattered with sand
 - cementitious substrates (from normal to low absorbency).

Application procedure of PCI SSP 33

- 1 Fill cool gauging water in a clean mixing bucket, add PCI SSP 33 and mix for at least 3 minutes until lump free using a suitable paddle (e.g. from Collomix).
- 2 Pour PCI SSP 33 onto the cured primer and/or directly on the (prepared) substrate and spread to the required layer thickness using a trowel or pin leveller.

Please note

- In case of an increased residual moisture in cementitious substrates use PCI VG 5 PU primer or PCI Epoxigrund 390 or PCI Epoxigrund Rapid and contact the PCI technical help-line.
- Never add water or fresh PCI SSP 33 to reconstitute a mortar mix which has already begun to set.
- It is important to adhere to the indicated amount of gauging water when mixing PCI SSP 33.
- **Additives are not allowed.**
- If a second layer is required it must be applied onto the first layer while still moist. Prime with PCI VG 2 multi-use primer if the first layer has cured.
- The thicker the layer the longer the waiting time until the substrate can be covered.
- Suitable tools are available from e.g. Collomix GmbH, Horchstraße 2, 85080 Gaimersheim/Germany, www.collomix.de.
- Clean tools, machinery and mixing equipment with water immediately after use; when the product has cured it can no longer be removed with water.

Information on the safe use

PCI SSP 33 contains cement:

Causes serious eye damage. Causes skin irritation.

Keep out of reach of children. Wear protective gloves (e.g. cotton gloves soaked in nitrile) and eye/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention. IF ON SKIN: Wash with plenty of soap and water and put skin cream on (pH value approx. 5.5). IF SKIN IRRITATION OCCURS: Get medical advice/attention. The product is non-flammable. No special

fire precautions are therefore required. Provide for proper ventilation during and after processing. When using, do not eat, drink or smoke.

Giscode ZP 1

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. Mix residues of powder with water and allow to cure. Cured material residues can be disposed of as construction waste.

Declaration of Performance

The Declaration of Performance can be downloaded as pdf file under www.pci-augsburg.eu/dop.

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.



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Technical Data Sheet No. 22 (September 2017), Any subsequent publication supersedes this edition. German Edition December 2015; the latest edition is always available on the Internet under www.pci-augsburg.de