

**PLEASE NOTE**

- In case of layer thicknesses exceeding 2 mm and when laying vapour barrier coverings, parquet or laminate flooring the moisture content of Latex Pro should be measured with a CM meter prior to the installation of coverings.
- The minimum layer thickness must not be less than 2 mm all-over the entire surface when bonding parquet or laminate flooring on to the 2-component latex levelling compound Latex Pro.
- Grinding of substrates levelled with Latex Pro should be done with a grinding disc with grain size 16.
- A maximum layer thickness of 5mm must not be exceeded on mastic asphalt screeds.
- Suitable tools are available from Collomix GmbH, Horchstraße 2, 85080 Gaimersheim/Germany, www.collomix.de, or PCI Augsburg GmbH, Marketing Department, Piccardstraße 11, 86159 Augsburg/Germany.
- Clean tools, machinery and mixing equipment with water immediately after use; once the product has cured it can no longer be removed with water.
- Shelf life: powder min. 12 months when stored in dry conditions, no permanent storage over +30°C. Liquid: min. 12 months in unopened container and protected from frost and direct sunlight.

**HEALTH AND SAFETY****General information on cementitious products**

Contains cement. Irritating to skin. Contact with moisture sets off an alkaline reaction which may cause skin irritation and/or caustic burns to mucous membranes (e.g. eyes). Risk of serious damage to eyes. Avoid contact with skin and eyes. Wear suitable protective gloves and eye/face protection. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, take off immediately all contaminated clothing and wash immediately with plenty of water and soap. Keep out of the reach of children. If swallowed seek medical advice and show container or label. Low in chromates according to TRGS613

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In view of widely varying site conditions this data sheet is meant to provide general application guidelines only. Any recommendation or information issued by us constitutes a preliminary and accessory contractual obligation only. Users must satisfy themselves regarding the applicability of the content to their own particular requirements. Please contact our Advisory Service for special requirements.

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**2-Component Latex Levelling Compound****PCI Latex PRO****Technical Data Sheet 212****FIELDS OF APPLICATION**

- For indoor use.
- Smoothing and levelling of floors prior to the installation of
  - textile and resilient floorings,
  - parquet or laminate flooring to be bonded.
- Production of smooth and level surfaces.
- Levelling of
  - cementitious substrates.
  - anhydrite and magnesite screeds.
  - mastic asphalt screeds.
  - non-absorbent substrates.
- For layer thicknesses from 0.5 to 10 mm; for parquet or laminate flooring to be bonded from 2 mm to 10 mm.

**FEATURES AND BENEFITS**

- Low emission.
- Low in chromates.
- Self levelling.
- Casein-free: for hygienic applications.
- Application by surface rake.
- Rapid curing: Walkable after approx. 2 hours. Ready for covering after approx. 12 hours.
- Suitable for use with underfloor heating systems
- Suitable for exposure to chair castors at a layer thickness of min. 1 mm.

**PACKAGING**

- Powder: 20 kg PE lined heavy duty paper bag
- Liquid: 5 litre plastic bottle



#### TECHNICAL DATA

##### MATERIAL

Material base	special cement with additives & acrylic emulsion
Components	2 part
Consistency	fine powder & low viscosity liquid
Colour	powder: grey      liquid: off white
Labelling for	
- Regulation for hazardous goods on roads	non hazardous
- Regulation for hazardous substances	no labelling requirement for this product
<i>For further information refer to Health and Safety.</i>	
Shelf life	powder: min. 12 months when stored in dry conditions, no permanent storage over +30°C liquid: min. 12 months in unopened container and protected from frost and direct sunlight

##### APPLICATION

Consumption	approx. 1.6 kg powder per m <sup>2</sup> and mm layer thickness
Layer thickness	0.5 to 10 mm; from 2 to 10 mm for parquet or laminate flooring to be bonded
Ambient and substrate temperature	+10°C to +25°C
Mixing ratio	20 kg of powder + 5 litres of liquid For partial quantities: 1 kg of powder + approx. 250 ml of liquid
Consistency	fluid
Working time*	approx. 15 minutes
Curing time*	
- walkable after	approx. 2 hours
- grindable after	approx. 12 hours
- ready for covering after	approx. 12 hours at 2 mm layer thickness
Suitable for bonding parquet or laminate flooring	from 2 mm minimum layer thickness
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 BS 8203 and BS 8204.
- The substrate must be clean, dry, sound, able to bear weight and free from oil and fat. It must be free from paint and other bond-inhibiting residues.
- Heavy contamination and bond-inhibiting residues and/or surfaces should be removed mechanically (shot-blasting, grinding). Spalled areas and holes should be filled with non-sag compound STL 39 *light*.
- Existing cracks can be closed with the methyl-methacrylate resin of the crack repair set RRS 47.
- Latex Pro must be prevented from running into edge joints by taking suitable measures, e.g. temporary barrier strips.
- In case of subsequent bonding of parquet or laminate flooring prior to the application of levelling compound with Latex Pro, adhesive residues on the substrate should be sanded and removed before the application of primer.
- The tensile strength of the prepared surface must not fall below 1.0 N/mm<sup>2</sup> on average when subsequently bonding parquet or laminate.

#### PRIMING

##### 1. Absorbent surfaces:

Prime concrete floors, cement and anhydrite screeds with the multi-use primer VG 2, diluted 1:1 with water. Shake material well before use. Apply Primer onto the substrate e.g. with a foam roller. Allow the primer to dry until tack-free.

##### 2. Non absorbent surfaces:

Priming is not normally required; but may be recommended in demanding circumstances – contact the PCI technical services helpline. Prime with the multi-use primer VG 2 (undiluted).

Shake material well before use.

Apply VG2 onto the substrate e.g. with a foam roller.

Allow the primer to dry until tack-free.

**3. For subsequent bonding of parquet or laminate flooring on PCI Latex Pro** apply the multi-use primer VG 2.

##### 4. Fast priming on concrete floors, cement and anhydrite screeds:

Shake the fast track primer VG 3 well before use. Put required quantity in an appropriate container and apply generous amount of undiluted VG 3 to the substrate e.g. with a fine-pored foam roller. Avoid puddles forming! After film has formed (approx. 15 minutes, colour becomes translucent) PCI Latex Pro can be immediately applied, including onto anhydrite screeds.

#### APPLICATION

**1** Place Latex Pro liquid in a clean mixing vessel, add the powder and mix with a suitable paddle (e.g. from Collomix or PCI) for at least 3 minutes until lump-free.

**2** Pour Latex Pro onto the prepared surface and/or cured primer and spread with a trowel or surface rake to the required layer thickness.

#### PLEASE NOTE

- When substrates are damp use the epoxy primer VG 7 or and one coat surface DPM EP 1 and contact the PCI technical help-line.
- The minimum layer thickness must not be less than 2 mm over the entire surface area when bonding parquet or laminate flooring on to the two component latex leveling compound – Latex Pro.
- When mixing Latex Pro it is important to adhere to the indicated liquid/powder ratio. **Additives are not allowed.**
- The thicker the layers the longer the waiting time until the substrate can be covered.
- Latex Pro must be prevented from running into edge joints by suitable measures, e.g. temporary barrier strips.
- If a second layer is required it should ideally be applied onto the first layer while still moist.