

TECHNICAL DATA SHEET

LEVELBOND PRO

*Rapid Dry Self
Levelling Compound*

PCP Levelbond Pro is a rapid drying self-levelling compound designed for preparing floors for the installation of a range of floor finishes. Featuring a Respirable Silica Compliant formulation and excellent flow properties, Levelbond quickly develops a smooth finish with high levels of mechanical resistance in thickness of 1-30mm

PRODUCT FEATURES:

- Excellent flow
- Suitable for application from 1mm - 30mm
- Rapid drying
- Excellent mechanical properties
- Excellent mechanical resistance
- Quick turnaround time for installation of floor coverings
- Can be pumped for large areas
- Respirable Crystalline Silica Compliant

USES:

- Levelling concrete substrates
- Preparation of surfaces for overlaid finishes including vinyl, carpets, floating floors, timber flooring and ceramic tiles
- Levelling over underfloor heating systems

SUBSTRATE PREPARATION:

- Concrete surfaces to be a minimum of 14 days old
- All surfaces must be clean, sound, dry, and free from oil, grease, dirt, dust, existing coatings, sharp and foreign objects, high levels of moisture and all other loose and contaminating materials
- All surfaces and substrates must be fit for purpose and installed as per manufacturers recommendations, relevant building codes and standards
- The minimum subfloor temperature should be 10°C.
- Relative humidity and pH readings to be carried out on substrates in accordance with relevant Floorcovering Australian Standards where applicable



PRIMING:

- Substrates to be primed using RLA Universal Primer
- Porous Substrates:**
 - Mix 1 part RLA Universal Primer with 2 parts of clean water.
 - Highly absorbent or porous surfaces may require a second coat.

Non Porous Substrates:

- Apply RLA Universal Primer neat (undiluted)

DIRECTIONS

Apply an even film of Universal Primer using a roller or brush to the entire area and allow to dry. Once Primer is a tack-free transparent film, PCP Levelbond Pro can be installed over

MIXING

- Add 4.2 - 4.4 litres of clean water into a clean mixing pail
- Gradually add Levelbond Pro while mixing at low speed low speed using an electric stirrer with suitable mixing paddle
- Mix evenly for approximately three (3) minutes ensuring the water has dispersed and a lump-free mix has been achieved
- attachment to form a smooth, lump-free consistency
- Do not overwater and do not mix by hand

APPLICATION

- Apply in one coat from 1mm to 30mm.
- Apply the mixed compound to the primed substrate using a gauge rake, stand-up spreader or trowel to the required thickness.
- Product can also be pumped using an appropriate mixing pump for larger installations
- The mixed quantity must be used within 15 minutes at a temperature of 23°C

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CLASSIFICATION ACCORDING TO EN 13813: CT-C30-F6

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SETTING TIMES

- Leveller will harden after 2–3 hours can be walked on after this time.
- Leveller will be ready to accept bonded floor coverings after 16 hours

Note: Setting times are based on conditions of 23°C and 50% RH. Setting times may vary depending on temperature and humidity).

COVERAGE:

- 4m² per 20 kg bag at 3mm thick

CLEAN UP

- Clean tools and equipment immediately after use with water.

SHELF LIFE

A bag of Levelbond Pro will have a shelf life of approximately 12 months when stored off floors in a cool, dry environment

HEALTH & SAFETY

Refer to the most recent Safety Data Sheet (SDS) for information and advice regarding physical, ecological, toxicological and other safety-related data including handling, first aid, storage and disposal

PRODUCT INFORMATION

Colour: Grey
Shelf life: 12 months
Packaging: 20kg bags

LIMITATIONS

- Do not allow applied Levelbond Pro to come into contact with water during or after the curing process.
- Do not apply to substrates affected by rising damp.
- Drying times will be extended when applied in cold ambient temperatures.
- Not suitable for timber substrates.
- Do not apply over expansion joints, as reflective cracking may occur.
- Minimum application over non-absorbent substrates is 3-4mm to allow water based adhesives to wet out properly
- Suitable for internal use only
- Contact PCP Products for additional information

APPLICATION PROPERTIES

Figures based on @ 23°C, 50% RH*

*Temperature and humidity will vary dry times

VOC – GEV Emicode EC1 Plus

Mixing Ratio: 4.2-4.4 litres water/bag

Open Time 30 minutes

Setting Time 3-4 hours

Application Temperature +5°C to +35°C

Maximum Thickness 30mm

Foot traffic 2-3 hours

Ready for bonding overlaid finishes 16 hours

pH (mixed) 12

PERFORMANCE PROPERTIES

Flexural Strength N/mm² - EN 13892-2

1 day 3

7 days 5

28 days 6

Compressive Strength N/mm² - EN 13892-2

1 day 10

7 days 25

28 days 30