

Keratrade

SLE500

premium self levelling compound

SLE500 a premium, polymer based cementitious underlay designed for maximum flow without shrinkage or cracking.



- Internal | External
- 1 to 50mm in single application
- Can be polished with or without aggregate
- Foot traffic in 2 hours
- Rapid hardening 40 Mpa
- Carpet & tile after 24 hours
- Directly onto primed surfaces
- VOC <1g/L

AREAS OF USE

- Interior / External self levelling for ceramic, vinyl, carpet & timber floor coverings or be left exposed.
- Reinstatement of new or existing concrete floors subject to foot traffic, industrial equipment, fork lift traffic or trolleys.
- Residential, commercial and industrial applications,
- Heavy industrial traffic
- Wet areas (not immersed)
- With under subfloor heating
- Can be polished with or without aggregate

APPLICATION INSTRUCTIONS

Substrate and Surface Preparation

- Ensure the concrete substrate is clean and free from oil, grease, sealers, curing compounds, paints, polymer coatings, dust or other foreign (bond breaking) matter.

PRIMING

- Before application the substrate must be primed with Keratrade or Kerakoll primer as directed by the application on TDS
 - Primer to be spread using a brush, broom, roller or spray pack in accordance with the relevant Technical Data Sheet.
 - Allow primer to reach a tacky consistency. Approximate drying times for the tackiness is 40 - 60 minutes at 50% RH and 25°C.
 - Extremely porous substrates such as weather damaged slabs, aerated lightweight concrete etc. may require a second coat of primer to avoid pinholes or bubbles in the levelling compound. If a second coat is required:
 - Allow the first coat to dry prior to application of second coat. Apply second coat of primer ensuring any ponded primer is brushed out to allow for even drying.
- Ensure tackiness is reached prior to application of SLE500 .

MIXING

Keratrade SLE500 requires 4 - 4.4 litres of clean water per 20 kg bag and is best mixed with a forced action, high shear stirrer, powered by a heavy duty electric mixing drill at approx. 600 r.p.m.

Add pre-measured water to a clean mixing bucket, gradually add Keratrade SLE500 into the water whilst continuously mixing the contents of the bucket. When the entire contents of the bag have been added to the water, mix for a further 2-3 minutes to produce a smooth homogenous and fluid consistency

DO NOT MIX BY HAND.

DO NOT ADD EXCESS WATER.

Discard any hardened or stiffened compound that has formed in the mixing bucket. Further addition of water will NOT reconstitute a useable mixture.

TDS

TECHNICAL DATA SHEET

Uses:	Internal / External
Thickness:	1 - 50mm
Water:	4 - 4.4 Litres
Foot Traffic:	2-3 Hours
Hardness:	40 Mpa <small>after 28 days</small>
Overlay:	24hrs
Work time:	20-30min
Coverage:	5m² @ 3mm <small>per 20Kg bag</small>
Clean Up:	Water
Application Temp:	5-30°C
VOC Rating:	<1g/L (US RULE 1168)
Bag Size:	20KG

CURING

Protect the finished area against damage during curing. To avoid too rapid drying protect from direct sunlight or drying winds during actual application, and while curing for up to 12 hours

CLEAN-UP

Keratrade SLE500 should be removed from tools and equipment with clean water immediately after use.

STORAGE & SHELF LIFE

Keratrade SLE500 has a shelf life of 12 months in unopened bags. Must be stored in a cool dry elevated place and protected from humidity.

PLACING

- Primed areas should receive SLE500 as soon as possible to avoid dust and surface contamination affecting adhesion.
- Pour the mixed material on the primed substrate.
- Depending on desired thickness, either allow material to seek its own level or spread the material with a steel trowel, spreader or gauging rake. Keep the trowel slightly inclined to obtain desired thickness.
- Pour the next mix of material. To ensure uniform consistency and flow application, it is advised that subsequent mixes are ready to enable continuous pouring.
- For very large areas, SLE500 can also be applied using an automatic pump. (Consult Buildgreen for further information). ensure suitability of the product for the intended use

IMPORTANT NOTES

- If substrate on to which Keratrade SLE500 is applied moves or cracks, reflective cracking will occur in the SLE500
- For large and thick sections, it is advised to check the moisture content prior to application of floor coverings.
- Check concrete substrates for moisture content prior to application. Moisture content of 3.5% - 4.5% with RH of 75%
- For new concrete surfaces, it is recommended to wait at least 21 days old prior to application of Keratrade SLE500 .
- Do not mix by hand.
- Do not add excess water.
- If Keratrade SLE500 is over-watered, do not place it onto the substrate. It must be discarded.
- In all cases, test areas must be performed to ensure suitability of the product for the intended use

Item Code: **SLE500-20KG**

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keratrade.com.au

Store the product securely, and check with your local council regarding the disposal of contents. Dispose of packaging thoughtfully and recycle where possible. Keep out of reach of children. If you feel unwell, consult a doctor. For more information, refer to the Safety Data Sheet (SDS) available at www.buildgreen.au

GUARANTEE

BuildGreen guarantees that Keratrade Products are free from manufacturing defects and will meet any applicable specifications published by us for a period of 10 years from the date of purchase. Refer to the BuildGreen Guarantee.

DISCLAIMER

The technical details and recommendations are provided based on the best knowledge at the time. It is the user's responsibility to ensure the correct use and handling of the products in line with applicable Australian Standards. Users should verify that the product is appropriate for their specific applications and meets system specifications. We reserve the right to change information without prior notice as part of ongoing research and development.