



UNDERLAY SELF LEVEL 520

PRODUCT DESCRIPTION

UNDERLAY SELF LEVEL 520 is a specially formulated floor leveling compound designed to achieve a smooth flat surface for application of carpet, tiles, vinyl and floating floor system.

BENEFITS

- Rapid drying accept foot traffic within 4 -5 hours.
- Ready to use-simply add water and mix.
- Large areas can be reinstated in relatively short time periods.
- Eliminates need for sand/cement screed.
- Can be applied from 2mm – 5mm in single application.
- Floor covering can be applied 24hours after application.

FIELD OF APPLICATION

- As a general purpose economical underlayment for carpet, vinyl, tiles, timber floors.
- Reinstatement of uneven concrete slabs/floor.
- Leveling defective concrete that does not meet requirements. of after trades such as vinyl, tiles, carpet.
- Rapid repair with minimal down time.
- Use in commercial, domestic and light industrial application.

APPLICATION INSTRUCTION

SURFACE PREPARATION

- Allow concrete to cure for at least 28 days and cement render for at least 7 days prior to the application of the levelling mortar.
- All surfaces must be firm, rigid, clean, dry and sound. All grease, wax, oil, curing compounds, dust, laitance and paint must be removed.
- Cement based surfaces that are not sufficiently solid must be removed. Cracks must be repaired.

CURING AND PROTECTION

The treated areas must not be wetted during its curing time. It should be protected for at least 24 hours from temperature above 32 °C and drafty condition. Avoid walking on the installed surface for at least 4 to 5 hours after installation depending upon temperature and humidity. Protect from traffic, dirt and dust from others trades until final floor sealer or coating has been installed and completely cured. Do not expose **Underlay Self Level 520** to rolling loads, such as forklift or scissor lifts for at least 48 hours after installation.

PRECAUTIONS

Non-toxic Product However keep away from children reach. If enter eyes wash out with plenty of water. May cause minor skin irritation to those with sensitive skin; use suitable gloves.



**KEEP
COOL & DRY**



**BUATAN MALAYSIA
MADE IN MALAYSIA**

TYPICAL PROPERTIES

Description	→	Grey Powder
Mix Ratio	→	approx. 5.5 liters water for 25kg
Self Leveling	→	yes
Thickness Coat	→	2mm-5mm
Density	→	dry-1.42g/cm ³ Wet-2.03g/cm ³
Pot Life (room temp @ 30°C)	→	15 minutes
Application Temperature	→	>5°C - 35°C
Setting time	→	4-5 hours
Comprehensive Strength (28 days)	→	28.0-29.0 N/mm ²
Flexural Strength (28 days)	→	8.0-9.0 N/mm ²

COVERAGE

4kg/m² per mm of thickness

PACKING

25 kg/bag

SHELF LIFE

12 months in a dry area

APPLICATION OF UNDERLAY 520

- Prime all prepared area with **BONDING AGENT 880** using brush, roller, broom or spray application. It is supplied ready to use. No dilution is needed.
- For extremely porous substrate or concrete surface with high moisture content, second coat of primer maybe required to eliminate bubble and pin holes issue that maybe arise due to insufficient primer. Allow the first coat of **BONDING AGENT 880** to cure before applying the second coat.
- Refer to Technical Data Sheet **BONDING AGENT 880** prior to application.
- Mix **UNDERLAY SELF LEVEL 520** as per the recommended mix ratio, mix with a medium speed electric mixer to obtain a homogeneous, self-leveling lump free mix.
- Immediately after pouring **UNDERLAY SELF LEVEL 520**, spread the material with a gauge rake. After achieving the desired depth, use a smoother to obtain an even surface. Do not overwork to avoid air entrapment.
- For best result, work as a team to provide a continuous flow of wet material to maximize the working/finishing time and to achieve a uniform finish surface.
- **UNDERLAY SELF LEVEL 520** has an approximate flow time of 15minutes at 23 °C and can be applied up to 20mm thickness. Please take note that temperature and humidity will affect the working time, flowability and setting time.
- **UNDERLAY SELF LEVEL 520** is a self-curing and will quickly harden within 4 to 5 hours; do not use a damp-curing method or curing-and-sealing compounds.

Legal Note

The information and any recommendations relating to the application and end-use of all Super Builders products are provided in good faith based on Super Builder knowledge and experience of the products. In applications, the differences in materials, and variances of substrates and actual site conditions can vary such that no warranty in respect of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be taken as inferred either from this information, or from any written recommendations, or from any other advice offered by Super Builders. The proprietary rights of third parties must be observed. All orders are accepted subject to our sale terms and conditions. All users should always refer to the most recent and up to date issue of the Technical Data Sheet for the product concerned, which is available on request. It is recommended that products should always be properly stored, handled and applied under tested and recommended conditions. Please consult our technical department for further information

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