G 103
Universal Vinyl Plank and Vinyl Tile Adhesive

Water based acrylic co-polymer blend

Very high yield

Long working time of 2 to 3 hours

Outstanding initial grab and

Permanent high tack and odorless when dry

Superior plasticizer migration resistance

20Kg
Made in Malaysia
Builden G 103
High Yield Vinyl Plank/ Tile flooring Adhesive

PRODUCT DESCRIPTION
High yield water based acrylic adhesive for vinyl floor plank/tile coverings.

SPECIAL PROPERTIES
- Superior initial grab and high yield
- High adhesion strength after dried
- Excellent dimensional stability
- Outstanding Plasticiser Resistance
- odorless when dry
- Versatile – excellent adhesion to various substrates

APPLICATION
For indoor application only.
Suitable for vinyl sheet not more than 2mm thickness, vinyl tiles and planks in permanent applications.

To ensure enhanced performance, reliability and warranty always use Builden vinyl flooring installation system products. Which included:

- Builden Moisture Barrier
- Builden Substrate Primers
- Builden Self Levelling and Smoothing Compounds
- Builden Finishing Compounds
SURFACE PREPARATION
All substrates must comply with AS 1884 and AS 2455 as applicable. In particular, it must be level, permanently dry, firm, load-bearing, free from curing compounds, cracks and also high tensile and compressive strength and must be prepared accordingly. Alkali readings to be between 5 and 9.

SUBSTRATE BONDING GUIDE
- Hardboard underlayment board approved to AS 2458
- Cementitious underlayment
- Dry concrete where there is less than 5.5% moisture content or 70% RH

Contact Builden Technical Services for other substrates including terrazzo, ceramic tiles and metal substrates.

DIRECTIONS FOR USE
Condition adhesive and floor coverings to working temperature 24 hours prior to and 48 hours after installation. Cross reference with flooring manufacturer instruction.

Installation temperature of working area and substrate to be a minimum of 10°C and a maximum of 30°C.

Let adhesive develop initial tack with approximately 15-25 minutes. Setup and working time will vary based on job conditions, substrate, temperature and humidity.

Apply evenly by a 1.6mm V-notch trowel.
Upon installation of flooring, roll over the flooring in both directions using the recommended roller (normally 35-50kg). Avoid traffic for 12 hours after installation.

NOTE: Dispose of container and adhesive residue in accordance with Federal, State and Local waste disposal regulations. Do not flush adhesive down drains. Freeze-thaw stable to -5°C. Avoid low temperatures or multiple freeze-thaw cycles.

SAFETY PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN

CAUTION: IRRITANT. Avoid eye and skin contact. If eye contact occurs, flush with water for 15 minutes or more and call physician. Wash skin thoroughly with soap and water. Do not take
internally. If swallowed, do not induce vomiting. Call physician immediately. Always keep container closed. During installation process, must allow adequate ventilation of the work area.

**TECHNICAL PROPERTIES**

<table>
<thead>
<tr>
<th><strong>Coverage</strong></th>
<th>Using 1.6mm V-notch trowel approx. 7m²/L</th>
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</thead>
<tbody>
<tr>
<td><strong>Initial Tack develop time</strong></td>
<td>Approx. 15-25 minutes, but allow open time up to 1 hour.</td>
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<tr>
<td><strong>Working time</strong></td>
<td>2 to 3 hours</td>
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<tr>
<td><strong>Tolerance</strong></td>
<td>Site conditions including porosity, temperature and humidity will alter coverage, tack and working time</td>
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<tr>
<td><strong>Packaging</strong></td>
<td>20 liters Pail containing 20 kg of adhesive</td>
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<tr>
<td><strong>Removal</strong></td>
<td>Wet: Clean with warm soap water</td>
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<tr>
<td></td>
<td>Dry: Clean with spirits.</td>
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<tr>
<td><strong>Shelf life</strong></td>
<td>One year from date of manufacture in unopened container stored at 23°C and 50% RH</td>
</tr>
</tbody>
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**Disclaimer:**
The recommendation and technical detail from Builden is given in good faith. As we progress with our Research and Development team we reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however, as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof. Uses should ensure the suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of this products.

Individual country local standards, codes of practice, building regulations or industry guidelines, may affect specific installation recommendations.
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