

| STOPGAP PLC - Low VOC Pump Applied Floor Levelling Compound | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--------|---------|---------------------|-------------------------------|--|--|------------------------------|-----------------------|--|--|--|-------------------|--|--|-------------------|--|--|--|------------------|-------|--------|---------|---|-----|-----|-----|--|----|----|----|--|-----------|--|--|---|-----------------|--|--|------------|--------------------|--|--|
| Description | <p>STOPGAP PLC is a water mixed, pumpable smoothing underlayment suitable for use in internal applications for preparing sound absorbent subfloors prior to the installation of new floorcoverings.</p> <p>It is suitable for use over absorbent subfloors such as sand / cement screed and concrete.</p> <p>STOPGAP PLC can be used as a wearing surface where floorcoverings are not to be installed in light duty applications. When used in these applications and the product is to be exposed to liquids, an appropriate seal must be used.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Technical Data | <table border="1"> <tr> <td>Working Time @ 20°C</td> <td colspan="3">Approximately 15 – 20 minutes</td> </tr> <tr> <td>Walk on hardness time @ 20°C</td> <td colspan="3">Approximately 3 hours</td> </tr> <tr> <td>Application thickness <ul style="list-style-type: none"> Recommended Maximum </td> <td colspan="3">3 -10 mm 30 mm</td> </tr> <tr> <td>Coverage per unit</td> <td colspan="3">Approximately 5.0m² at 3mm thick</td> </tr> <tr> <td>Product Strength</td> <td>1 day</td> <td>7 days</td> <td>28 days</td> </tr> <tr> <td> <ul style="list-style-type: none"> Compressive Strength N/mm² </td> <td>>10</td> <td>>20</td> <td>>30</td> </tr> <tr> <td> <ul style="list-style-type: none"> Flexural Strength N/mm² </td> <td>>2</td> <td>>4</td> <td>>6</td> </tr> <tr> <td>Flow properties using 30mm ø x 50mm flow ring (EN 12706)</td> <td colspan="3">120-140mm</td> </tr> <tr> <td>Screed Classification to BS EN 13813:2002</td> <td colspan="3">CT-C25-F6-AR1,0</td> </tr> <tr> <td>VOC status</td> <td colspan="3">EC1 Plus compliant</td> </tr> </table> | | | Working Time @ 20°C | Approximately 15 – 20 minutes | | | Walk on hardness time @ 20°C | Approximately 3 hours | | | Application thickness <ul style="list-style-type: none"> Recommended Maximum | 3 -10 mm 30 mm | | | Coverage per unit | Approximately 5.0m ² at 3mm thick | | | Product Strength | 1 day | 7 days | 28 days | <ul style="list-style-type: none"> Compressive Strength N/mm² | >10 | >20 | >30 | <ul style="list-style-type: none"> Flexural Strength N/mm² | >2 | >4 | >6 | Flow properties using 30mm ø x 50mm flow ring (EN 12706) | 120-140mm | | | Screed Classification to BS EN 13813:2002 | CT-C25-F6-AR1,0 | | | VOC status | EC1 Plus compliant | | |
| Working Time @ 20°C | Approximately 15 – 20 minutes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Walk on hardness time @ 20°C | Approximately 3 hours | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Application thickness <ul style="list-style-type: none"> Recommended Maximum | 3 -10 mm 30 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Coverage per unit | Approximately 5.0m ² at 3mm thick | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Product Strength | 1 day | 7 days | 28 days | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> Compressive Strength N/mm² | >10 | >20 | >30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> Flexural Strength N/mm² | >2 | >4 | >6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Flow properties using 30mm ø x 50mm flow ring (EN 12706) | 120-140mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Screed Classification to BS EN 13813:2002 | CT-C25-F6-AR1,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOC status | EC1 Plus compliant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixing Guidelines | <p>Mix in accordance with the pump manufacturers recommendations and adjust the rate of water flow until the mix is a smooth fluid, uniform grey liquid with no surface separation. Flow checks should be carried out at regular intervals during pumping.</p> <p>STOPGAP PLC can be mixed by hand. Add 5.0 litres of clean water into a STOPGAP mixing bucket and gradually add all the powder whilst stirring with a power whisk fitted in an electric drill until a smooth creamy lump free consistency is achieved. The material should be mixed for a minimum of 2 minutes.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Substrate Preparation | <p>Floor surfaces must be suitably prepared: sound, dry (<75%RH and incorporates an effective damp proof membrane) and free from contaminants that may prevent adhesion.</p> <p>Concrete and sand/cement screeds must be fully cured and any laitance or surface treatments must be removed. The temperature of the floor must be maintained above 5°C throughout the application and drying of the underlayment. Underfloor heating must be off for at least 48 hours before, during and after application.</p> <p>PRIMING Absorbent surfaces - Prime with dilute STOPGAP P131 Primer to prevent rapid drying of the underlayment and promote adhesion.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Application Guidelines | <p>Pour the mixed material onto the prepared subfloor and allow to flow and attain a smooth finish. Minimal work with a smoothing trowel is required. The use of a spiked roller will help eliminate entrapped air and smooth out flow lines to give a more uniform surface appearance. The mixed material should be applied at a thickness between 3mm to 10mm, but can be taken down to feathered edge if required. For best results, an overall thickness of at least 3mm should be maintained. The material is self-smoothing, but should any imperfections remain they can be removed by rubbing with a carborundum stone when the underlayment will accept foot traffic – typically 3 hours after application at 20°C. This time will be extended with reduced temperatures i.e. approximately 6 hours at 10°C.</p> <p>DRYING Drying is dependent on the absorbency of the subfloor, ambient temperature and humidity.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|------------------------------|---|
| | <p>On absorbent surfaces, at a nominal 10mm thickness, the compound will be ready to receive textile and resilient floorcoverings after 24 hours.</p> <p>For thicknesses above 10mm and up to 30mm, drying time will be extended to between 7 and 21 days dependant on conditions.</p> |
| Important Information | <p>Do not exceed 5.0 litres of water per 25kg bag.</p> <p>Do not mix more material than can be applied during the working time.</p> <p>Do not add extra water to the mixed material once it has started to set. Material should be discarded.</p> <p>STORAGE - Store between 5°C and 30°C.</p> <p>SHELF LIFE - 6 months in unopened bags and stored under good conditions. Dampness will reduce the shelf life and may cause the powder to set in the sack.</p> |
| Health & Safety | <p>Reference should be made to the appropriate SDS for this product.</p> |