

## POLYCELL ROCKSET

PRODUCT CODE: 102201

### TECHNICAL DATA SHEET

|                         |  |  |                                  |                     |                     |                   |            |            |          |                         |  |  |            |            |           |
|-------------------------|--|--|----------------------------------|---------------------|---------------------|-------------------|------------|------------|----------|-------------------------|--|--|------------|------------|-----------|
| Product Description     | POLYCELL ROCKSET is a fast setting hydraulic cement compound for anchoring fixtures.   |  |                                  |                     |                     |                   |            |            |          |                         |  |  |            |            |           |
| Intended Uses           | <ul style="list-style-type: none"><li>Recommended for anchoring bolts, posts, screws, etc to horizontal or vertical positions.</li><li>Also recommended for patching floors where rapid set is required.</li><li>For use on cement, concrete, fibre cement, brick &amp; stone.</li></ul>   |  |                                  |                     |                     |                   |            |            |          |                         |  |  |            |            |           |
| Features & Benefits     | <ul style="list-style-type: none"><li>POLYFILLA ROCKSET is a fast anchoring cement formulated to have high strength and adhesion.</li><li>The initial set is complete within 30 minutes after which light weight fixtures and equipment may be fastened into place and floors would be ready for light traffic.</li><li>After one hour @ 23 °C heavy machinery can be bolted down and operated normally without the danger of bolts loosening.</li><li>Repaired floors are ready for normal use (vehicles and foot traffic) after one hour @ 23 °C.</li><li>When fully cured the applied product has greater compression strength than conventional concrete.</li><li>Exhibits controlled expansion on curing thereby ensuring superior adhesion resulting in permanent bonding.</li><li>POLYFILLA ROCKSET does not promote the rusting of embedded metal.</li></ul> |  |                                  |                     |                     |                   |            |            |          |                         |  |  |            |            |           |
| Product Information     | Appearance   | Free flowing fine powder   |                                  |                     |                     |                   |            |            |          |                         |  |  |            |            |           |
|                         | Colour   | Grey   |                                  |                     |                     |                   |            |            |          |                         |  |  |            |            |           |
|                         | Mass solids  | 100 %  |                                  |                     |                     |                   |            |            |          |                         |  |  |            |            |           |
|                         | S G  | 2.53 (typical)   |                                  |                     |                     |                   |            |            |          |                         |  |  |            |            |           |
| Application Details     | Mixing   | Thick paste  | 1 part water to 4 parts ROCKSET  |                     |                     |                   |            |            |          |                         |  |  |            |            |           |
|                         |  | Fluid consistency  | 2 parts water to 4 parts ROCKSET |                     |                     |                   |            |            |          |                         |  |  |            |            |           |
|                         | Method   | Putty knife  |                                  |                     |                     |                   |            |            |          |                         |  |  |            |            |           |
|                         | Cleaning   | Water  |                                  |                     |                     |                   |            |            |          |                         |  |  |            |            |           |
|                         | Drying time  | Light weight fixtures (20mm depth): 30 Min. @ 23 °C<br>Heavy equipment/traffic (20mm depth): 1 h @ 23 °C   |                                  |                     |                     |                   |            |            |          |                         |  |  |            |            |           |
|                         | Application Environment  | <table><tr><td>Surface Temperature</td><td>Ambient Temperature</td><td>Relative Humidity</td></tr><tr><td>Min: 10 °C</td><td>Min: 10 °C</td><td>Min: 10%</td></tr><tr><td colspan="3">or 2 °C above dew point</td></tr><tr><td>Max: 40 °C</td><td>Max: 40 °C</td><td>Max: 85 %</td></tr></table> |                                  | Surface Temperature | Ambient Temperature | Relative Humidity | Min: 10 °C | Min: 10 °C | Min: 10% | or 2 °C above dew point |  |  | Max: 40 °C | Max: 40 °C | Max: 85 % |
| Surface Temperature     | Ambient Temperature  | Relative Humidity  |                                  |                     |                     |                   |            |            |          |                         |  |  |            |            |           |
| Min: 10 °C              | Min: 10 °C   | Min: 10%   |                                  |                     |                     |                   |            |            |          |                         |  |  |            |            |           |
| or 2 °C above dew point |  |  |                                  |                     |                     |                   |            |            |          |                         |  |  |            |            |           |
| Max: 40 °C              | Max: 40 °C   | Max: 85 %  |                                  |                     |                     |                   |            |            |          |                         |  |  |            |            |           |
| Storage and Packaging   | Store in a cool dry place away from direct sun and humid conditions.<br>Packaging: 500g and 2kg cartons  |  |                                  |                     |                     |                   |            |            |          |                         |  |  |            |            |           |
| Surface Preparation     | <ul style="list-style-type: none"><li>Drill and clean out hole to receive object.</li><li>Remove any debris and blow out dust and loose particles.</li><li>Uniformly dampen area to be filled - remove excess water with a rag or other absorbent material.</li></ul>  |  |                                  |                     |                     |                   |            |            |          |                         |  |  |            |            |           |

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|                           |   |
|---------------------------|---|
| <b>Application</b>        | <p><b>Anchoring of bolts, posts, rods, filling of cracks - vertical surface. (PASTE)</b></p> <ul style="list-style-type: none"> <li>• Mix <b>POLYFILLA ROCKSET</b> to a thick paste in a clean container.</li> <li>• Fill the hole with the mixed product, and then place the bolt or rod into position.</li> <li>• Support the bolt or rod until applied <b>POLYFILLA ROCKSET</b> has set.</li> <li>• Smooth the surface around the object with a putty knife.</li> </ul> <p><b>Anchoring of bolts, posts, patching holes in concrete - horizontal surface. (FLUID)</b></p> <ul style="list-style-type: none"> <li>• Mix <b>POLYFILLA ROCKSET</b> to a fluid consistency.</li> <li>• Allow 1 minute to thicken then stir thoroughly.</li> <li>• Place the bolt/rod in position and then pour mixed product around it.</li> <li>• Gently tap the bolt/rod to settle the <b>POLYFILLA ROCKSET</b> around it.</li> <li>• Support structure until <b>POLYFILLA ROCKSET</b> cures.</li> <li>• When patching/screeding concrete floors pour the fluid mixture to a minimum film thickness of 1,5 cm. Allow the surface to self level.</li> <li>• Smooth imperfections after 10 minutes with a putty knife or trowel.</li> <li>• Allow to harden for 30 minutes after which light weight fixtures can be handled, in the case of floor screeding light traffic may be resumed.</li> <li>• Heavy equipment may be used after one hour; heavy traffic may also be resumed over the screeded areas.</li> <li>• When used outdoors, <b>POLYFILLA ROCKSET</b> should be primed with <b>PLASCON PLASTER PRIMER (UC 56)</b> and then coated with a good quality exterior paint (either emulsion paint or enamel).</li> </ul> |
| <b>Cautions</b>           | <ul style="list-style-type: none"> <li>• <b>POLYFILLA ROCKSET</b> should not be used under water or as a primary structural member.</li> <li>• Do not use <b>product</b> that appears lumpy or gritty in the packet - This is a sign that it had been exposed to damp and should be discarded.</li> <li>• <b>POLYFILLA ROCKSET</b> generates heat when curing - may irritate skin or eyes - refer to safety precautions.</li> <li>• Clean up any spilt powder immediately.</li> </ul>   |
| <b>Safety Precautions</b> | <ul style="list-style-type: none"> <li>• Keep out of reach of children.</li> <li>• Avoid inhalation of powder and dust.</li> <li>• Ensure good ventilation during application and drying.</li> <li>• In case of skin contact, wash with soap and water or a recognised skin cleaner.</li> <li>• Avoid contact with eyes. In case of eye contact, wash with copious amounts of water and consult a doctor.</li> <li>• Harmful if swallowed. Do not induce vomiting. Seek medical attention.</li> <li>• Refer to Safety Data Sheet for complete information</li> </ul>  |

### DISCLAIMER:

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

**NB:** Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

**NB: TO ORDER:** Quote product name, product code number, packaging and colour.

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