KuniSeal C-31ds
Concrete Joint Waterproofing Material

KuniSeal is a composite product consisting of high swelling bentonite, mineral oil and modified polymer, which is specifically designed to act as a moisture barrier in concrete construction joints.

Its unique characteristics give it long lasting durability and superior waterproofing results even when subjected to high hydrostatic pressure and in marine environments and it is easy to install.

TYPICAL ON SITE INSTALLATION

INSTALLATION POSITIONING

SPECIAL FEATURES
- SELF ADHESIVE.
- INSTALLATION TIME REDUCED.
- EASY TO SHAPE AND FORM TO JOINT.
- NO STRESS TO CONCRETE JOINTS.
- LONG LASTING IN SITU DURABILITY.
- DELAYED SWELL ALLOWING FOR ADVERSE ON SITE WEATHER.
- SUPERIOR RESULTS IN STOPPING MOISTURE PENETRATION.
- SUITABLE FOR MARINE ENVIRONMENTS.
# Kuniseal C-31ds

Concrete Joint Waterproofing Material

## Method of Installation

- **Brush off dirt and wet concrete joint.**
- **Or** wet Kuniseal.
- Place Kuniseal on joint and press in place.
- SLOWLY press on to connecting slab joint.
- Place on verticle footing joint. Nail if required.
- Connect two pieces by end-butt joining.

**Caution:** Do not peel off covering hydrobag, this is the adhesive.

Kuniseal C-31

<table>
<thead>
<tr>
<th>Characteristic of other products.</th>
</tr>
</thead>
<tbody>
<tr>
<td>The concrete is subjected to excessive pressure, which can lead to cracking of the concrete joint.</td>
</tr>
<tr>
<td>Hydrophillic rubber and their composites will lead to cracking.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Composition</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bentonite</td>
<td>Hydrostatic Pressure Resistance: 0.5 Mpa/72.5psi</td>
</tr>
<tr>
<td>Oil Compound</td>
<td>Adhesion to concrete: 632.7 gf/cm²</td>
</tr>
<tr>
<td>Modified polymer</td>
<td>Adhesion to iron plate: 296.7 gf/cm²</td>
</tr>
<tr>
<td></td>
<td>Specific Gravity: &lt;1.20</td>
</tr>
<tr>
<td></td>
<td>Ignition Loss: &lt;40 wt%</td>
</tr>
<tr>
<td></td>
<td>Coefficient of swelling: &gt;110%</td>
</tr>
</tbody>
</table>

**Dimensions and Packaging**

- Kuniseal C-31 is packed 20 pieces per cardboard carton.
- Dimensions: 12mm x 28mm x 1000mm
- Kuniseal is wrapped in Hydo-Film, do not remove.

**Note:**

- *1 Measurement after 1 day
- *2 Soaking one side in water for 24 hours
- *3 Subjected to 1000 Deg-C for 1 hour

---

**Concrete Protection Pty Ltd**

155 Barkly Avenue, Burnley, Vic. 3121
Tel 9429 3377 Fax 9427 0745
www.conpro.com.au