**supplementary product user guide**

**Light Panel Formwork System (Frami)**
Express Anchor 16 x 125mm

**Description**
The Express anchor 16 x 125mm (FRAM-263) is used to fix Frami components to concrete foundations.

**Identification**
Express anchor 16 x 125mm  
Code No.: FRAM-263  
Weight: 0.3 kg  
Hire Item  

16mm Coil  
Code No.: FRAM-264  
Weight 0.01 kg  
Sale Item - single use only  

NOTE: Only screw the 16mm coil onto the Express anchor 16x125mm in the direction shown above. Do not pre-expand the coil.

**Fitting the Express Anchor**
1. Drill bore hole.  
2. Make sure anchor hole is clean.  
3. Drive in the Express anchor as far as the depth mark.  
4. Fully tighten the Express anchor.

\[a = 16 \text{ mm} \quad b = 140 \text{ mm}\]
The bore-hole depth ‘b’ can be reduced by dimension ‘c’ (see ‘Loading Data’).

**Loading Data**
The data specified here applies to temporary fixing points in uncracked concrete, with a minimum edge distance of 300mm, irrespective of the load direction in angle F. The values do not account for any reduction in concrete capacity due to the fixing being less than 300mm from the edge of the slab.

### For attaching components

<table>
<thead>
<tr>
<th>Concrete</th>
<th>Characteristic cube compressive strength (f_{ck,cube}) (N/mm(^2))</th>
<th>Permitted load (F_{perm}) (kN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>“Green” (new)</td>
<td>≥ 14</td>
<td>9.5</td>
</tr>
<tr>
<td>concrete</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C20/25</td>
<td>≥ 25</td>
<td>17.0</td>
</tr>
</tbody>
</table>

### For attaching back-stays to ring

<table>
<thead>
<tr>
<th>Concrete</th>
<th>Characteristic cube compressive strength (f_{ck,cube}) (N/mm(^2))</th>
<th>Permitted load (F_{perm}) (kN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>“Green” (new)</td>
<td>≥ 14</td>
<td>5.0</td>
</tr>
<tr>
<td>concrete or cured</td>
<td></td>
<td></td>
</tr>
<tr>
<td>concrete</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Do not use if the ring is damaged (deformed).