The Formwork Experts.

Alu Box Beam

The super strong, lightweight Aluminum Beam

www.doka.com
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The innovative cross-section of the Alu box beam provides a high load capacity, permitting optimized equipment usage on site. The integrated nailing strip and continuous T-slot provide a versatile construction member that is adaptable to various jobsite requirements.

High load capacity
achieved by innovative beam cross-section

- permitted shear force 23.2 kN / 5.2 kip
- permitted bending moment 14.9 kNm / 11 kip-ft
- weight 7.3 kg/m / 4.8 lbs/ft
- height of beam 17.5 cm / 6.9 in

Cut costs
by reducing the number of items needed

- up to 1/3 fewer props for floor slabs, as increased primary beam spacing is possible
- up to 50 percent fewer primary beams in the top construction of fully loaded shore towers, thanks to a high load capacity
- optimized site logistics and lower freight costs, as fewer items are required

Long lifespan
thanks to high manufacturing quality

- high number of re-use is possible based on the robust material design properties of aluminum
- versatility of continuous T-slot connection point
- integrated high grade plastic nailing strip allows for easy attachment of plywood

<table>
<thead>
<tr>
<th>Alu-box beam</th>
<th>Weight (lbs.)</th>
<th>Item Number</th>
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</thead>
<tbody>
<tr>
<td>8'-0&quot;</td>
<td>34.0</td>
<td>585860000</td>
</tr>
<tr>
<td>12'-0&quot;</td>
<td>50.0</td>
<td>585861000</td>
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<tr>
<td>18'-0&quot;</td>
<td>76.0</td>
<td>585862000</td>
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Versatility through continuous T-slot connection point

The lightweight aluminium beam at City View Garage project in Miami, Florida.