

Shaft segment handling guide

Humes precast segments are delivered to site on wooden pallets. Each pallet holds two segments which are separated by wooden strips to protect the units during shipping.

Before the segments are removed from the pallet the following steps are recommended in order to prevent damage and to ensure a safe work environment:

- Using heat apply the bitumen packing to one cross joint face of each segment.
- Place rubber mats between the two segments; one in each corner and one in the middle (total of 3). The mats should be placed on the side opposite where the Swiftlift™ anchor is fitted.
- Cut and remove the straps holding the two segments.
- Hook the Swiftlift™ clutches into the Swiftlift™ anchors on the top segment. Each segment is provided with two 1.3 t x 120 mm long Swiftlift™ foot anchors (supplied by Reid Construction Systems).

Once the segments are securely fastened to the anchors, start lifting and tilting the top segment according to safe precast concrete lifting procedures. Efforts should be made by the crane crew to prevent the top unit from swinging.

For underpin installations place the segment into the underpinning frame as per Humes general method statement for use of the underpinning frame.



Rubber mats placed between the two segments



Hooking the clutches into the Swiftlift anchors on the top segment



Lifting and tilting the top segment



Segment placed into underpinning frame (underpin installations)

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