

## SSoW 14 Safe Unloading of Panels Using a Crane



Do not access the bed of the vehicle unless absolutely necessary and only when using agreed method of working at height safety equipment.

## Personal Protective Equipment (PPE) Required



Head Protection



Hi Vis wear



Safety footwear



Hand protection

### **Main Hazards**



Weather



**Manual Handling** 



Slip, Trip, Falls



Falling items



Falling items from above



orklift

### Method

- 1. CDM Construction Plan When orders are placed for Spandrel panels the arrangements for pre-delivery load plan, delivery, unloading and lifting to roof shall be agreed between Supplier and Contractor in order for this information to form part of the CDM construction phase plan. The supplier does not physically offload. Deliveries have to be unloaded using one of the recommended unloading methods. Not to do so creates a risk for the Supplier and Contractor by participating in unloading operations that may not have been fully risk assessed.
- **4.** Multiple Section Panels When Panels are delivered in multiple sections, installed slings are intended to lift only the panel section to which they are attached as delivered. Panels are intended for in-situ assembly only i.e., at their final location post lifting.



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- 2. Crane. The contractor is responsible for the provision of a crane, the qualified operator and the Slinger / Banksman. After parking on site, the driver inspects the load ensuring it is still secure, with all yellow banding & / or blue rope in place. Once inspected the driver must sign in at the site manager's office. Level unloading areas are essential as Spandrel Panels due to their weight and height may be unstable once the straps have been removed. Tie down straps should not be removed from the load until mechanical unloading equipment is available and unloading is ready to commence. Driver will release the load on customer instruction.
- **5.** Unloading Once the order of unloading is agreed between the slinger and driver, the slinger will attach the lifting slings to the crane hooks. Guide ropes may also be attached to pre-installed straps along bottom chord.



**3.** Slings. Drivers and site staff are not permitted to access lorry bed during unloading. Spandrel Panels will arrive preslung with appropriate 7:1 lifting slings. These slings are designed to be attached to crane hooks from ground level. Where Panels are delivered in sections always check supplier information for lifting and assembly details.



**6.** The crane will then take up the slack of the lift. On instruction from the site responsible person the driver will release the transport straps on the side being unloaded.

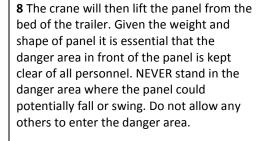




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**7** The driver can assist the responsible person to cut the individual blue rope attaching the panel to the vehicle centre bars if required. This must be carried out from a safe position using a telescopic cutting device.





9. Spandrel Panels require specifically designed storage racks if they are not being installed immediately. Seek further information from Supplier re appropriate storage. If weather protection wrappings are damaged or removed before final installation, then the dry timber and cladding materials used may be prone to water damage significantly reducing performance of fixings and potentially increasing the overall weight of panels. If water damage has occurred, no attempt should be made to lift the panel using the preinstalled lifting straps.

If driver has to mount vehicle, he must do so under the authority and supervision of the site manager/contractor using agreed method of working at height safety equipment.



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