

## **CSR<sup>®</sup> Hebel<sup>®</sup> Wall Panel Handling & Installation Guidelines.**

-----  
**CSR Hebel Technical Bulletin -**

**June 2001 HTB799**  
-----

### **INTRODUCTION.**

This guide is to compliment all other CSR<sup>™</sup> Hebel<sup>®</sup> Technical Literature and design documentation related to the installation of CSR<sup>™</sup> Hebel<sup>®</sup> wall panels. In this document, CSR<sup>™</sup> Hebel<sup>®</sup> has endeavoured to outline all handling issues to be addressed during the wall panel installation, although there is no replacement for common sense.

### **PANEL DELIVERY.**

When CSR<sup>™</sup> Hebel<sup>®</sup> wall panels are delivered to site, it is recommended that the panels be taken from the truck to the appropriate work area. This will reduce the amount of double handling and product damage.

### **LAYOUT.**

The panels should be positioned around the work area at the locations where the panels are to be installed. This will minimise the degree of double handling required by the installers, and reduce clutter in the work area.

It is recommended that at the start of the project, time is taken to discuss bundling with the CSR<sup>™</sup> Hebel<sup>®</sup> representative. This time spent preparing the bundling procedure will pay dividends in time saved due to searching for the correct panel.

### **LAYOUT DRAWINGS.**

When layout drawings are provided, then the panels shall be installed as detailed on the drawings. CSR<sup>™</sup> Hebel<sup>®</sup> or the Project Engineer shall be consulted for prior approval of any variations. Panels should not be cut unless indicated on the Layout Drawings.

### **SITE & PANEL PREPARATION.**

The work area should be kept clear of waste and unnecessary equipment, and panels arranged to allow easy, unobstructed access to the work area (eliminate possible tripping and slipping). Sufficient room should be provided to allow the CSR<sup>™</sup> Hebel<sup>®</sup> Powerpanel Trolley<sup>™</sup> or other approved mechanical lifting device to be operated freely.

All preparation, such as installing brackets on panels and surface treatments (waterproof membranes etc.), and accessories, such as fixings, mortars, adhesives and packers should be accessible, installed or completed prior to lifting the panel. We suggest installing a temporary metal angle to the soffit to act as a guide and restraint for the top of the panel.

### **LIFTING.**

**IMPORTANT:** Ensure every member of the installation team is aware of their role and that there is a nominated team leader.

Panels are to be lifted and transported to the workface using the CSR<sup>™</sup> Hebel<sup>®</sup> Powerpanel Trolley<sup>™</sup> or other approved lifting device. Refer to the Powerpanel Trolley<sup>™</sup> Handling Procedures.

We recommend using pinch bars or equivalent to move the panel into the final position. When panels are to be manually lifted, CSR<sup>™</sup> Hebel<sup>®</sup> recommends adopting good lifting practices, such as lifting with your legs, keeping your back straight, and ensure the panel is stabilised at all times. Manual lifting shall be kept to a minimum. It is **not** recommended that the panel be held clear of the lifter's body, causing undue stress to the persons lifting the panel.

During installation, persons not involved in the lifting and fixing process should remain clear of the work area, and make installers aware of your presence before approaching.

### **BRACING.**

At ALL times, the panel should be supported, by a person other than the person installing the fixings. NEVER release a panel until ALL fixings are installed and the panel is secure.

### **FIXINGS.**

Ensure CSR<sup>™</sup> Hebel<sup>®</sup> fixings are installed in accordance with CSR<sup>™</sup> Hebel<sup>®</sup> installation specifications and other proprietary fixings are installed in accordance with the manufacturer's specification.

### **PERSONAL PROTECTIVE EQUIPMENT, PPE.**

Ensure all recommended safety equipment, such as dust masks, goggles, hearing protection, gloves, clothing, and shoes are worn. Refer to CSR<sup>™</sup> [Hebel<sup>®</sup> MSDS](#) sheets for further guidance.

NOTE: This information can be downloaded from the CSR<sup>™</sup> Hebel<sup>®</sup> website - <http://www.hebelaustralia.com.au/>