

CSR[®] Hebel[®] Powerpanel[®] Handling & Installation Guidelines.

CSR[®] Hebel[®] Technical Bulletin -

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INTRODUCTION.

This guide is to compliment all other CSR[®] Hebel[®] Technical Literature and design documentation related to the installation of CSR[®] Hebel[®] Powerpanel[®]. In this document, CSR[®] Hebel[®] has endeavoured to outline all handling issues to be addressed during the installation of Powerpanel[®], although there is no replacement for common sense.

For further information on walls constructed using Powerpanel[™] refer to the following publications; CSR[™] Hebel[®] Powerpanel[™] Acoustic Wall Systems, N^o HBL710-AWS, CSR[™] Hebel[®] Powerpanel[™] Internal Wall System, N^o HBL720-IWS, and CSR[™] Hebel[®] Powerpanel[™] Residential Wall Systems, N^o HBL740-RWS.

PANEL DELIVERY.

When CSR[™] Hebel[®] 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 be taken to discuss bundling with the CSR[™] Hebel[®] 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[™] Hebel[®] 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 PREPARATION.

The work area should be kept clear of waste and un-necessary equipment, and panels arranged to allow easy, unobstructed access to the work area (eliminate possible tripping). Sufficient room should be provided to allow the CSR[™] Hebel[®] Powerpanel Trolley[™] or other approved mechanical lifting device to be operated freely.

All preparation and accessories, such as brackets, fixings, mortars, adhesives, packers, surface treatments (waterproof membranes etc.) should be accessible, installed or completed prior to lifting the Powerpanel[™].

LIFTING.

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

Whenever possible, CSR[™] Hebel[®] Powerpanel[™] panels are to be lifted and transported to the workface using the Powerpanel Trolley[™] or other approved lifting device. Refer to the Powerpanel Trolley[™] handling procedures.

When panel lifters are to be used to lift and move the Powerpanel[™], CSR[™] Hebel[®] recommends lifting the panel with your legs, keeping your back straight, and stabilising the panel with your shoulder and/or free hand. 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[™] Hebel[®] fixings are installed in accordance with CSR[™] Hebel[®] installation specifications and other proprietary fixings are installed in accordance with the manufacturer's specification.

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