

HEALTH HAZARD INFORMATION

The grit from the surface of Hebel blocks and panels is not respirable. When panel bundles have been installed, the grit left on the floor should be swept up to prevent it being ground into a dust by pedestrian or equipment traffic.

As with other cement-based products, such as concrete slabs, concrete blocks and concrete tiles, contact with Hebel blocks or panels may irritate the skin, resulting in itching and occasionally a red rash. Particles in the eye are irritating and corrosive, causing watering and redness, and may result in corneal inflammation and ulceration. The wearing of gloves and suitable clothing to reduce abrasion and irritation of the skin is recommended when handling Hebel and other cement based products, and eye protection is recommended where particles may enter the eye.

The use of power tools for cutting, drilling, routing, chasing, sanding or breaking up of silica based products may create dust which contains respirable crystalline silica. Repeated and prolonged exposure to high levels of respirable crystalline silica dust may result in bronchitis, silicosis and an increased risk of lung cancer. Use dust extractors on powered cutting, routing or chasing tools and wear a P1 or P2 respirator when drilling, cutting, chasing, routing, sanding or breaking up all silica based products, such as Hebel blocks, Hebel panels, bricks, concrete blocks, fibre cement, concrete and terracotta tiles, sandstone, aggregates, and concrete slabs & columns.

TRAINING

Personnel installing Hebel External Wall Systems should receive training in the safety & technical aspects of the installation work. This training should include the following safety information:

- The components of Hebel External Wall Systems.
- Composition of Hebel Aerated Autoclaved Concrete (AAC), Thin bed Adhesive & Thick bed Mortar.
- Working Safely with products containing crystalline silica.
- Safe mixing of Hebel Thin bed Adhesive & Thick bed Mortar.
- Safe cutting of Hebel panels.
- Manual handling of Hebel panels.
- Use & maintenance of PPE.

SAFE WORK METHODS

Every job a Contract Installer performs will have a number of hazards associated with it. Before commencing work the Contract Installer, in consultation with employees, shall conduct a risk assessment of the job, & develop safe work methods that address the identified hazards. The attached forms list some of the common hazards that will be present at most installation sites and some of the common risk control measures that may be used to control these hazards.

Because job and site conditions vary from project to project, it is essential that Contract Installers identify the particular hazards associated with every installation job they perform and take steps to control the risks associated with each identified hazard. In conducting the Job Safety Analysis the Contract Installer shall be alert for and consider other hazards that may not be listed on the attached forms.

SUPERVISION

The Installation Contractor shall adequately supervise employees to ensure that they understand & follow the safe work methods that are developed.

WARNING: Installation contractors are required by law to perform their own risk assessments before undertaking work.

Main Activity	Sub Tasks	Potential Hazards	Risk Controls	Responsibility
Delivery of Hebel panels to site	Unloading near power lines	Contact with power lines could cause electrocution	<ul style="list-style-type: none"> Where unloading will occur in the proximity of low voltage overhead power lines (less than 132kV) which are generally supported by poles the forklift or crane must not operate within 3 metres horizontally or vertically of the power lines. 	Crane driver
			<ul style="list-style-type: none"> Where unloading will occur in the proximity of high voltage overhead power lines (greater than 132kV) which are generally supported by towers the forklift or crane must not operate within 6 metres horizontally or vertically of the power lines. 	Crane driver
			<ul style="list-style-type: none"> Consider using a trained power line ‘observer’ or ‘spotter’ who is not to perform any other tasks while they are observing the unloading to ensure safe distances are maintained from power lines. 	Crane driver
	Unloading panels by forklift.	Load exceeds lift capacity of fork lift	<ul style="list-style-type: none"> Ensure fork lift driver is trained & licensed Ensure fork lift has sufficient load capacity 	Employer Forklift driver
		Fork lift may tip or drop panel bundle	<ul style="list-style-type: none"> Check for pot holes & uneven ground Unload on level surfaces Drive loaded fork lifts backwards down ramps & sloping surfaces Drive at appropriate speed 	Forklift driver Forklift driver Forklift driver Forklift driver

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Main Activity	Sub Tasks	Potential Hazards	Risk Controls	Responsibility
	Unloading panels by crane.	Panels may be damaged by wire slings	<ul style="list-style-type: none"> Use webbing slings of suitable lifting capacity. Do not use a sling if the capacity tag is missing. Inspect slings for damage before use against the criteria specified by the sling manufacturer. Ensure the sling is protected from sharp edges. 	Crane driver/ Rigger Crane driver/ Rigger Crane driver/ Rigger
		Load may tilt or swing during unloading	<ul style="list-style-type: none"> Ensure crane driver & dogman are trained & licensed Ensure placement of slings conforms with safe lifting practices Ensure lifting point is centred over panel bundle before lifting. Guide load to prevent it swinging. 	Employer Crane driver/ Rigger Crane driver/ Rigger Crane driver/ Rigger
Transferring Hebel panel bundles to work areas	Lifting panels by crane	Panels may be damaged by wire slings	<ul style="list-style-type: none"> Use webbing slings of suitable lifting capacity. Do not use a sling if the capacity tag is missing. Inspect slings for damage before use against the criteria specified by the sling manufacturer. Ensure the sling is protected from sharp edges. 	Crane driver/ Rigger Crane driver/ Rigger Crane driver/ Rigger
		Load may tilt or swing during unloading	<ul style="list-style-type: none"> Ensure crane driver & dogman are trained & licensed Ensure placement of slings conforms with safe lifting practices Ensure lifting point is centred over panel bundle before lifting. 	Crane driver/ Rigger Crane driver/ Rigger Crane driver/ Rigger

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			<ul style="list-style-type: none"> Guide load to prevent it swinging. 	Crane driver/ Rigger
		Load may exceed capacity of loading deck or floor	<ul style="list-style-type: none"> Check with builder that loading deck & floor will support weight of bundles 	Install. Contractor
	Moving bundles across floor	Manual handling injuries	<ul style="list-style-type: none"> Use skates, trolleys and pallet jacks to move panel bundles 	Install. Contractor
		Falls through openings & trip hazards	<ul style="list-style-type: none"> Inspect route for moving panels for trip hazards Ensure all penetrations are safely covered. 	Install. Contractor Install. Contractor
Use of Power Tools		Faulty equipment may cause injury.	<ul style="list-style-type: none"> Ensure all tools & equipment are in safe working condition & are adequately guarded. Ensure that tools and equipment are adequately maintained and used in accordance with the manufacturer's instructions. 	Install. Contractor Install. Contractor
		Worker could be electrocuted	<ul style="list-style-type: none"> All electrical equipment to be tested and tagged in accordance with the NSW WorkCover "Electrical Practices for Construction Work". 	Install. Contractor
			<ul style="list-style-type: none"> Use Earth Leakage current protection (RCD's). 	Install. Contractor
			<ul style="list-style-type: none"> Temporary power boards to be correctly set up. 	Install. Contractor
			<ul style="list-style-type: none"> Multi-plug electrical devices comply with AS3105. 	Install. Contractor
			<ul style="list-style-type: none"> Keep extension leads clear of ground and water. 	Install. Contractor
			<ul style="list-style-type: none"> Use double insulated electrical tools. 	Install. Contractor

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Main Activity	Sub Tasks	Potential Hazards	Risk Controls	Responsibility
Setting Out	Using laser set out devices	Temporary impact on vision	<ul style="list-style-type: none"> Avoid looking directly into the laser light. Follow manufacturers' instructions for safe use of tools 	Install. Contractor Install. Contractor
	Marking out	Fall from height	<ul style="list-style-type: none"> Use scaffold or step ladder in accordance with manufacturers' instructions & Australian Standards. 	Install. Contractor
		Impact or laceration injury to head from contact with obstructions overhead	<ul style="list-style-type: none"> Wear a safety helmet. Assess the area for obstructions before climbing the ladder or scaffold. 	Install. Contractor Install. Contractor
Installing panel support brackets	Storage of brackets & V-nails	May present a trip hazard	<ul style="list-style-type: none"> Ensure brackets & V-nails are stored in a safe location away from general thoroughfares. 	Install. Contractor
	Chiselling panel for brackets	Particles from chiselling may damage eyes	<ul style="list-style-type: none"> Wear safety glasses or goggles complying with AS1337. 	Install. Contractor
		Impact from hammer or chisel	<ul style="list-style-type: none"> Wear gloves complying with AS 2161.3 for mechanical protection. Ensure the hammer swing is unimpeded 	Install. Contractor Install. Contractor
	Drilling into concrete slabs, walls & columns	Particles from drilling may damage eyes	<ul style="list-style-type: none"> Wear safety glasses or goggles complying with AS1337. 	Install. Contractor
		Inhalation of silica dust	<ul style="list-style-type: none"> Person drilling must wear a P1 or P2 half face respirator while drilling. Advise other people who may be affected by the dust from drilling to wear a P1 or P2 half face respirator during drilling. 	Install. Contractor Install. Contractor
		Dust may cause skin irritation	<ul style="list-style-type: none"> Wear gloves complying with AS 2161.3 for mechanical protection when drilling to prevent skin irritation & abrasion 	Install. Contractor

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			<ul style="list-style-type: none"> • Launder clothing regularly & separately. 	Install. Contractor
		Noise may damage hearing	<ul style="list-style-type: none"> • Wear earplugs or earmuffs during drilling. 	Install. Contractor
		Fall from height	<ul style="list-style-type: none"> • Use scaffold or step ladder in accordance with manufacturers' instructions & Australian Standards. 	Install. Contractor
		Impact or laceration injury to head from contact with obstructions overhead	<ul style="list-style-type: none"> • Wear a safety helmet. • Assess the area for obstructions before climbing the ladder or scaffold. 	Install. Contractor Install. Contractor
	Installing dowel pins	Impact from hammer	<ul style="list-style-type: none"> • Wear gloves complying with AS 2161.3 for mechanical protection. • Ensure the hammer swing is unimpeded 	
		Protruding dowel pins could cut or puncture flesh.	<ul style="list-style-type: none"> • Ensure dowels are temporarily capped until panel installation is imminent. 	Install. Contractor
Cutting of Hebel panels	Removing panels from the bundle	Metal strapping can cause lacerations	<ul style="list-style-type: none"> • Wear leather gloves complying with AS 2161.3 for mechanical protection. 	Install. Contractor
			<ul style="list-style-type: none"> • Wear safety glasses or goggles. 	Install. Contractor
			<ul style="list-style-type: none"> • Consider long sleeves & long trousers. • Ensure other people are clear of the strapping that may spring open when cut. 	Install. Contractor Install. Contractor
			<ul style="list-style-type: none"> • Place the palm of one hand firmly on top of the strapping before cutting the strap at a point just beyond the hand. Keep your head & other parts of the body clear of the cutting point in case the strapping springs open. • Fold up strapping & place in waste bin immediately, ensuring strapping is fully inside the container 	Install. Contractor Install. Contractor

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		Metal packaging corners left on floor	<ul style="list-style-type: none"> Place metal corners in bin or safe storage area. 	Install. Contractor
		Manual handling injuries	<ul style="list-style-type: none"> Use devices such as trolleys, cranes, forklifts, block & tackle, team lifts and levers to move panels. Conduct a risk assessment to develop the appropriate method for safely handling the panels on each site. 	Install. Contractor Install. Contractor
	Sawing panels	Blade may shatter on impact with steel reinforcing	<ul style="list-style-type: none"> Use segmented diamond tipped cutting blade with the correct bonding matrix. Wear safety glasses or goggles complying with AS1337 for medium (Class I) or high (Class V) impact. Follow manufacturers' instructions for safe use of tools 	Install. Contractor Install. Contractor Install. Contractor
		Particles from cutting may damage eyes	<ul style="list-style-type: none"> Wear safety glasses or goggles complying with AS1337 for medium (Class I) or high (Class V) impact. Follow manufacturers' instructions for safe use of tools 	Install. Contractor Install. Contractor
		Inhalation of silica dust	<ul style="list-style-type: none"> Person operating the power saw must wear a P1 or P2 half face respirator during cutting Erect signs to advise other people working within a 3 metre radius of power cutting to wear a P1 or P2 half face respirator during cutting Dust extraction must be fitted to power saws Clean out the dust cowling on the saw at 	Install. Contractor Install. Contractor Install. Contractor Install. Contractor

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			<p>least daily to eliminate blockages & maintain good dust extraction.</p> <ul style="list-style-type: none"> • Adjust dust cowlings on power saws to provide maximum enclosure for dust collection. As a temporary measure, duct tape can be used to close off excessive openings if the dust cowling is not totally effective. • Check dust extractors regularly to ensure seals are in good condition & they are providing good suction • Empty dust bags regularly. Ensure that disposable bags are tied off to prevent the dust falling out of the bag. If reusable bags are used, then the contents should be emptied into a plastic bag that is tied off before disposal. • Set the depth of cut to 2mm less than the thickness of the panel on power saws to prevent blow through of dust during cutting • If dust extraction is not fitted to power saws then use hand tools only • Clean the cutting area regularly by vacuuming or sweeping. Lightly dampen the area before sweeping. Sweepings that contain dusty material should be placed in disposable bags & tied off before placement in waste containers. Large particles & off cuts do 	<p>Install. Contractor</p> <p>Install. Contractor</p> <p>Install. Contractor</p> <p>Install. Contractor</p> <p>Install. Contractor</p> <p>Install. Contractor</p>

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Main Activity	Sub Tasks	Potential Hazards	Risk Controls	Responsibility
			not need bagging.	
		Dust may cause skin irritation	<ul style="list-style-type: none"> Wear gloves complying with AS 2161.3 for mechanical protection when handling the product to prevent skin irritation & abrasion Laundry clothing regularly & separately. 	Install. Contractor
		Noise may damage hearing	<ul style="list-style-type: none"> Wear earplugs or earmuffs during cutting. 	Install. Contractor
		Timber gluts may present a trip hazard	<ul style="list-style-type: none"> Store timber gluts in a safe area. 	Install. Contractor
		Off cuts of panels may be a trip hazard	<ul style="list-style-type: none"> Place panel off cuts in bin or safe storage area 	Install. Contractor
	Coating ends of cut steel reinforcing with Hydro Dipcoat anti corrosion compound.	Coating may cause skin irritation.	<ul style="list-style-type: none"> If irritation occurs consider wearing nitrile rubber or neoprene gloves (AS 2161). 	Install. Contractor
		Use in a confined space may cause irritation of the nose, throat and lungs, headache and nausea.	<ul style="list-style-type: none"> If working in a confined space wear a respirator (approved for particulates and gases) conforming to AS/NZS 1715/1716. 	Install. Contractor
		Wet coating is flammable when exposed to heat or flame.	<ul style="list-style-type: none"> Keep wet coating clear of naked flames. 	Install. Contractor
Mixing Hebel Thin Bed Adhesive & Thick Bed Mortar	Handling 20 kg bags	Back injury	<ul style="list-style-type: none"> Use trolleys, wheelbarrows & other aids to assist with moving bags. 	Install. Contractor
			<ul style="list-style-type: none"> Maintain clearance around & above stored bags to avoid lifting with awkward postures. 	Install. Contractor
			<ul style="list-style-type: none"> When lifting from low heights bend the 	Install. Contractor

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			<p>knees to a semi-squat position with feet about shoulder width apart, lean over from the hips, and keeping the back straight with the tail pushed out.</p> <ul style="list-style-type: none"> Carry loads close to the body. Avoid twisting. Turn by using small steps. 	<p>Install. Contractor</p> <p>Install. Contractor</p>
	Mixing the adhesive or mortar.	Inhalation of silica dust	<ul style="list-style-type: none"> Add water to mixing containers before adding adhesive or mortar to reduce dust. Wear class P1 or P2 respirator when tipping contents of bag into container & when mixing. 	<p>Install. Contractor</p> <p>Install. Contractor</p>
		Eye irritation from contact with dust or wet adhesive/mortar.	<ul style="list-style-type: none"> Wear safety glasses or goggles complying with AS1337 while handling open bags & when mixing. Do not use excessive speed when stirring. A variable speed drill is preferable. Ensure the stirrer has completely stopped rotating before removing from the mix to avoid splashing of the wet adhesive or mortar. 	<p>Install. Contractor</p> <p>Install. Contractor</p> <p>Install. Contractor</p>
		Contact with the skin may cause irritation, burning of the skin or dermatitis.	<ul style="list-style-type: none"> Avoid repeated contact by wearing gloves complying with AS 2161.3 for mechanical protection when handling the dry & wet adhesive & mortar. Do not use excessive speed when stirring. A variable speed drill is preferable. 	<p>Install. Contractor</p> <p>Install. Contractor</p>

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			<ul style="list-style-type: none"> Ensure the stirrer has completely stopped rotating before removing from the mix to avoid splashing of the wet adhesive or mortar. Consider the use of long sleeved shirts & long trousers if irritation occurs. Laundry clothing regularly & separately. 	Install. Contractor
		Electric drill may burn out.	<ul style="list-style-type: none"> Ensure the drill has sufficient power to operate the stirrer. 	Install. Contractor
		Half empty bags may present a trip hazard	<ul style="list-style-type: none"> Place empty bags in bin or safe storage area Ensure partly used bags are safely stored. 	Install. Contractor Install. Contractor
Erecting Hebel panels	Applying thin bed adhesive & thick bed mortar	Eye irritation from contact wet adhesive or mortar.	<ul style="list-style-type: none"> Wear safety glasses or goggles complying with AS1337. 	Install. Contractor
		Contact with the skin may cause irritation, burning of the skin or dermatitis.	<ul style="list-style-type: none"> Avoid repeated contact by wearing gloves when handling the wet adhesive & mortar. Consider the use of long sleeved shirts & long trousers if irritation occurs. Laundry clothing regularly & separately. 	Install. Contractor Install. Contractor Install. Contractor
		Thick bed mortar may be squeezed out during installation, thus reducing sound & fire rating	<ul style="list-style-type: none"> Place plastic shims or suitable alternative on floor before panel is installed. 	Install. Contractor
	Moving panels to the installation area.	Manual handling injury	<ul style="list-style-type: none"> Use devices such as trolleys, cranes, forklifts, and levers to move panels. Conduct a risk assessment to develop the appropriate method for safely handling the panels on each site. 	Install. Contractor Install. Contractor

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Main Activity	Sub Tasks	Potential Hazards	Risk Controls	Responsibility
	Lifting panels into position	Manual handling injury	<ul style="list-style-type: none"> Before each lift the installers should assess how they will install the panel, considering the particular aspects & obstructions for the lift. Use devices such as trolleys, cranes, forklifts, block & tackle, team lifts and levers to lift panels. 	Install. Contractor Install. Contractor
		Crush & abrasion injuries to hands or arms	<ul style="list-style-type: none"> Before each lift the installers should assess how they will install the panel, considering the particular aspects & obstructions for the lift. Wear gloves complying with AS 2161.3 for mechanical protection to avoid abrasion to the hands. 	Install. Contractor Install. Contractor
		Panel could fall on people working close to installation point	<ul style="list-style-type: none"> Ensure people not involved in the lifting remain clear of the work area until the panel is installed. 	Install. Contractor
	Attaching panels to brackets	Impact injury from hammering V-nails	<ul style="list-style-type: none"> Wear gloves complying with AS 2161.3 for mechanical protection. Ensure the V-nail is correctly positioned & the hammer swing is unimpeded. 	Install. Contractor Install. Contractor
	Grouting joints	Eye irritation from contact with wet adhesive or mortar.	<ul style="list-style-type: none"> Wear safety glasses or goggles complying with AS1337. 	Install. Contractor
		Contact with the skin may cause irritation, burning of the skin or dermatitis.	<ul style="list-style-type: none"> Avoid repeated contact by wearing gloves complying with AS 2161.3 for mechanical protection when handling the wet adhesive & mortar. Consider the use of long sleeved shirts & long trousers if irritation occurs. Laundry clothing regularly & separately. 	Install. Contractor Install. Contractor Install. Contractor

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Main Activity	Sub Tasks	Potential Hazards	Risk Controls	Responsibility
		Adhesive & mortar spillage on the floor may present a trip hazard or impede other trades.	<ul style="list-style-type: none"> Clean floor regularly with a wide scraper & by sweeping. If dry dust is present then lightly dampen the area before sweeping. Sweepings that contain dusty material should be placed in disposable bags & tied off before placement in waste containers. Large particles & off cuts do not need bagging. 	Install. Contractor Install. Contractor
Housekeeping Summary	Removing panels from the bundle	Metal strapping can cause lacerations	<ul style="list-style-type: none"> Fold up strapping & place in waste bin immediately, ensuring strapping is fully inside the container 	Install. Contractor
	Storage of brackets & V-nail	May present a trip hazard	<ul style="list-style-type: none"> Ensure brackets & V-nails are stored in a safe location away from general thoroughfares. 	Install. Contractor
	Drilling into concrete slabs, walls & columns + Sawing panels	Inhalation of silica dust	<ul style="list-style-type: none"> Clean the work areas regularly by scraping, vacuuming or sweeping as appropriate. Lightly dampen the area before sweeping. Sweepings that contain dusty material should be placed in disposable bags & tied off before placement in waste containers. Large particles & off cuts do not need bagging. 	Install. Contractor
	General	Half empty bags of adhesive or mortar, timber gluts, off cuts of panels, brackets & V-nails, & corner angles may present a trip hazard	<ul style="list-style-type: none"> Place empty bags, off cuts & corner angles in bin or safe storage area. Ensure partly used bags are safely stored. Store timber gluts in a safe area. 	Install. Contractor Install. Contractor Install. Contractor
	General	Tools & power leads may be a	<ul style="list-style-type: none"> Ensure that tools & power leads are not 	Install. Contractor

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		trip hazard	left lying in areas where people may trip over them.	
PPE Summary	Marking out	Impact or laceration injury to head from contact with obstructions overhead	<ul style="list-style-type: none"> Wear a safety helmet. 	Install. Contractor
	Chiselling panels	Particles may damage eyes	<ul style="list-style-type: none"> Wear safety glasses or goggles complying with AS1337. 	Install. Contractor
		Impact from hammer or chisel	<ul style="list-style-type: none"> Wear gloves 	Install. Contractor
	Drilling into concrete slabs, walls & columns	Particles from drilling may damage eyes	<ul style="list-style-type: none"> Wear safety glasses or goggles complying with AS1337. 	Install. Contractor
		Inhalation of silica dust	<ul style="list-style-type: none"> Person drilling must wear a P1 or P2 half face respirator while drilling. Advise other people who may be affected by the dust from drilling to wear a P1 or P2 half face respirator during drilling. 	Install. Contractor Install. Contractor
		Dust may cause skin irritation	<ul style="list-style-type: none"> Wear gloves complying with AS 2161.3 for mechanical protection when drilling to prevent skin irritation & abrasion Launder clothing regularly & separately. 	Install. Contractor Install. Contractor
		Noise may damage hearing	<ul style="list-style-type: none"> Wear earplugs or earmuffs during drilling. 	Install. Contractor
		Impact or laceration injury to head from contact with obstructions overhead	<ul style="list-style-type: none"> Wear a safety helmet. Assess the area for obstructions before climbing the ladder or scaffold. 	Install. Contractor Install. Contractor
	Removing panels from the bundle	Metal strapping can cause lacerations	<ul style="list-style-type: none"> Wear gloves complying with AS 2161.3 for mechanical protection. Wear safety glasses or goggles 	Install. Contractor Install. Contractor

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			<ul style="list-style-type: none"> complying to AS1337. Consider long sleeves & long trousers. 	Install. Contractor
	Sawing panels	Blade may shatter on impact with steel reinforcing	<ul style="list-style-type: none"> Wear safety glasses or goggles complying with AS1337 for medium (Class I) or high (Class V) impact. 	Install. Contractor
		Particles from cutting may damage eyes	<ul style="list-style-type: none"> Wear safety glasses or goggles complying with AS1337 for medium (Class I) or high (Class V) impact. 	Install. Contractor
		Inhalation of silica dust	<ul style="list-style-type: none"> Person operating the power saw must wear a P1 or P2 half face respirator during cutting Erect signs to advise other people working within a 3 metre radius of power cutting to wear a P1 or P2 half face respirator during cutting. 	Install. Contractor Install. Contractor
		Dust may cause skin irritation	<ul style="list-style-type: none"> Wear gloves complying with AS 2161.3 for mechanical protection when handling the product to prevent skin irritation & abrasion Laundry clothing regularly & separately. 	Install. Contractor Install. Contractor
		Noise may damage hearing	<ul style="list-style-type: none"> Wear earplugs or earmuffs during cutting. 	Install. Contractor
	Mixing the adhesive or mortar.	Inhalation of silica dust	<ul style="list-style-type: none"> Wear class P1 or P2 respirator when tipping contents of bag into container & when mixing. 	Install. Contractor
		Eye irritation from contact with dust or wet adhesive/mortar.	<ul style="list-style-type: none"> Wear safety glasses or goggles complying with AS1337 while handling open bags & when mixing. 	Install. Contractor
		Contact with the skin may cause irritation, burning of the skin or	<ul style="list-style-type: none"> Avoid repeated contact by wearing gloves complying with AS 2161.3 for 	Install. Contractor

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		dermatitis.	<ul style="list-style-type: none"> mechanical protection when handling the dry & wet adhesive & mortar. Consider the use of long sleeved shirts & long trousers if irritation occurs. Launder clothing regularly & separately. 	Install. Contractor Install. Contractor
	Applying thin bed adhesive & thick bed mortar	Eye irritation from contact wet adhesive or mortar.	<ul style="list-style-type: none"> Wear safety glasses or goggles complying with AS1337. 	Install. Contractor
		Contact with the skin may cause irritation, burning of the skin or dermatitis.	<ul style="list-style-type: none"> Avoid repeated contact by wearing gloves when handling the wet adhesive & mortar. Consider the use of long sleeved shirts & long trousers if irritation occurs. Launder clothing regularly & separately. 	Install. Contractor Install. Contractor Install Contractor
	Lifting panels into position	Crush & abrasion injuries to hands or arms	<ul style="list-style-type: none"> Wear gloves complying with AS 2161.3 for mechanical protection to avoid abrasion to the hands. 	Install. Contractor
	Attaching panels to brackets	Impact injury from hammering V-nails	<ul style="list-style-type: none"> Wear gloves complying with AS 2161.3 for mechanical protection. 	Install. Contractor
	Grouting joints	Eye irritation from contact with wet adhesive or mortar.	<ul style="list-style-type: none"> Wear safety glasses or goggles complying with AS1337. 	Install. Contractor
		Contact with the skin may cause irritation, burning of the skin or dermatitis.	<ul style="list-style-type: none"> Avoid repeated contact by wearing gloves complying with AS 2161.3 for mechanical protection when handling the wet adhesive & mortar. Consider the use of long sleeved shirts & long trousers if irritation occurs. Launder clothing regularly & separately. 	Install. Contractor Install. Contractor Install. Contractor

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