

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 all cement-based products, such as concrete slabs, concrete blocks and concrete tiles, contact with Hebel blocks or panels may irritate the skin, resulting in itchiness 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. As with all cement-based products, it is recommended that clothing be washed separately to prevent transfer of cement particles to other clothing.

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 Acoustic Wall & Internal 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 Acoustic & Internal 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 Powerpanels.
- Manual handling of Hebel Powerpanels.
- 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 Powerpanels 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 Powerpanels 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 (bundles of 10 Powerpanels weigh 350 kg per metre of length) 	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 	Forklift driver Forklift driver Forklift driver

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			<ul style="list-style-type: none"> • Drive at appropriate speed 	Forklift driver
	Unloading Powerpanels 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 Powerpanels 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 	Crane driver/ Rigger Crane driver/ Rigger Crane driver/

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Main Activity	Sub Tasks	Potential Hazards	Risk Controls	Responsibility
			<ul style="list-style-type: none"> bundle before lifting. Guide load to prevent it swinging. 	Rigger 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 for deflection head	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 the Deflection Head Channel & Base (Floor) Angle	Storage of deflection heads & base angles	May present a trip hazard	<ul style="list-style-type: none"> Ensure deflection heads & base angles are stored in a safe location away from general thoroughfares. 	Install. Contractor
	Cutting the deflection head & base angle	Sharp edges on cut surfaces	<ul style="list-style-type: none"> Wear gloves complying with AS 2161.3 for mechanical protection. 	Install. Contractor
		Particles from cutting with cut off saw or angle grinder 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
		Off cuts left on floor	<ul style="list-style-type: none"> Place off cuts in bin or safe storage area. 	Install. Contractor
	Fastening deflection head & base angle to concrete or other material	Explosive power tools	<ul style="list-style-type: none"> Ensure the correct fastener is used for the material to which you are fastening. Erect signs to warn others that Explosive Power Tools are in use The operator & other people in the immediate vicinity must wear safety glasses or goggles complying with AS1337 for high impact (Class V), 	Install. Contractor Install. Contractor Install. Contractor

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			<ul style="list-style-type: none"> hearing protection & a safety helmet. Do not point the tool at yourself or any other person. Do not press the tool against your hand or any other part of your body. Before using the tool ensure that no one is standing behind (above or below when fastening vertically) the point where the fasteners are to be driven. Follow manufacturers' instructions for safe use of tools 	Install. Contractor Install. Contractor Install. Contractor 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
		Laceration to head due to contact with the deflection head or other obstruction	<ul style="list-style-type: none"> Wear safety helmet. Assess the area for obstructions before climbing the ladder or scaffold. 	Install. Contractor Install. Contractor
		Base angle may pose a trip hazard	<ul style="list-style-type: none"> Only install base angles where panels will be erected shortly. 	Install. Contractor
Cutting of Hebel Powerpanels	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 complying with AS1337 for medium (Class I) or high (Class V) impact. Consider long sleeves & long trousers. Ensure other people are clear of the strapping which may spring open when cut. Place the palm of one hand firmly on top of the strapping before cutting the strap at 	Install. Contractor Install. Contractor Install. Contractor Install. Contractor Install. Contractor

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			<p>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.</p> <ul style="list-style-type: none"> Fold up strapping & place in waste bin immediately, ensuring strapping is fully inside the container 	Install. Contractor
		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 Hebel Powerpanel trolley in accordance with CSR Hebel AWS video. If Powerpanel trolley is not to be used, then conduct a risk assessment to develop an alternative method for safely handling the Powerpanels. 	Install. Contractor Install. Contractor
		Other panels may fall over	<ul style="list-style-type: none"> If necessary, provide temporary bracing of panels. A length of angle can be nailed across the top of the bundle as a simple brace. 	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 	Install. Contractor Install. Contractor

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Main Activity	Sub Tasks	Potential Hazards	Risk Controls	Responsibility
			safe use of tools	
		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 least daily to eliminate blockages & maintain good dust extraction. 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 	<p>Install. Contractor</p> <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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			<p>prevent blow through of dust during cutting</p> <ul style="list-style-type: none"> 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 not need bagging. 	<p>Install. Contractor</p> <p>Install. Contractor</p>
		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. Consider the use of long sleeved shirts & long trousers if irritation occurs. Launder clothing regularly & separately. 	<p>Install. Contractor</p> <p>Install. Contractor</p> <p>Install. Contractor</p>
		Noise may damage hearing	<ul style="list-style-type: none"> Wear earplugs or earmuffs during cutting. 	Install. Contractor
		Empty pallets may present a trip hazard	<ul style="list-style-type: none"> Store empty pallets in a safe area. Arrange pick up of empty pallets by CSR Hebel on a regular basis. 	<p>Install. Contractor</p> <p>Install. Contractor</p>
		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
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. Maintain clearance around & above stored bags to avoid lifting with awkward postures. When lifting from low heights bend the 	<p>Install. Contractor</p> <p>Install. Contractor</p> <p>Install. Contractor</p>

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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 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 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 Install. Contractor 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. • Ensure the stirrer has completely stopped rotating before removing from the mix to avoid splashing of the wet adhesive or mortar. 	<p>Install. Contractor Install. Contractor Install. Contractor</p>

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			<ul style="list-style-type: none"> 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
Erecting Hebel Powerpanels	Applying thin bed adhesive & thick bed mortar	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
		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 base angle before panel is installed. 	Install. Contractor
	Moving panels to the installation area.	Manual handling injury	<ul style="list-style-type: none"> Use Hebel Powerpanel trolley in accordance with CSR Hebel AWS video. If Powerpanel trolley is not to be used, then conduct a risk assessment to develop an alternative method for safely handling the Powerpanels. 	Install. Contractor
	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, 	Install. Contractor

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			<ul style="list-style-type: none"> considering the particular aspects & obstructions for the lift. Use 2 people to lift panels into position. Where longer panels are being installed, or where the lift is awkward, a 3rd person may be required to guide the panel into position. Use Powerpanel lifters on each side of the panel positioned so that the lift is achieved using the legs & so that the arms are straight when the panel is lifted. Stabilise the panel while lifting using the shoulder or free hand. 	Install. Contractor Install. Contractor 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
	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 & 	Install. Contractor Install. Contractor

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			long trousers if irritation occurs.	
		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 deflection heads & base angles	May present a trip hazard	<ul style="list-style-type: none"> Ensure deflection heads & base angles are stored in a safe location away from general thoroughfares. 	Install. Contractor
	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, empty pallets, off cuts of panels, deflection head & base angles, & 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 empty pallets in a safe area. Arrange pick up of empty pallets by CSR 	Install. Contractor Install. Contractor Install. Contractor Install. Contractor

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			Hebel on a regular basis.	
	General	Tools & power leads may be a trip hazard	<ul style="list-style-type: none"> Ensure that tools & power leads are not left lying in areas where people may trip over them. 	Install. Contractor
PPE Summary	Marking out for deflection head	Impact or laceration injury to head from contact with obstructions overhead	<ul style="list-style-type: none"> Wear a safety helmet. 	Install. Contractor
	Cutting the deflection head & base angle	Sharp edges on cut surfaces	<ul style="list-style-type: none"> Wear gloves complying with AS 2161.3 for mechanical protection 	Install. Contractor
		Particles from cutting with cut off saw or angle grinder 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
	Fastening deflection head & base angle to concrete or other material	Explosive power tools	<ul style="list-style-type: none"> Erect signs to warn others that Explosive Power Tools are in use The operator & other people in the immediate vicinity must Wear safety glasses or goggles complying with AS1337 for high (Class V) impact., hearing protection & a safety helmet. 	Install. Contractor Install. Contractor
		Laceration to head due to contact with the deflection head or other obstruction	<ul style="list-style-type: none"> Wear safety helmet. 	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 complying with AS1337 for medium (Class I) or high (Class V) impact. Consider long sleeves & long trousers. 	Install. Contractor Install. Contractor Install. Contractor
	Sawing panels	Blade may shatter on impact	<ul style="list-style-type: none"> Wear safety glasses or goggles complying 	Install. Contractor

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		with steel reinforcing	with AS1337 for medium (Class I) or high (Class V) impact.	
		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. Consider the use of long sleeved shirts & long trousers if irritation occurs. Laundry clothing regularly & separately. 	Install. Contractor 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 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. 	Install. Contractor

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			<ul style="list-style-type: none"> Consider the use of long sleeved shirts & long trousers if irritation occurs. Laundry clothing regularly & separately. 	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 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
	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
	Grouting joints	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 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