

Apply Anti-Slip Coatings To Floors Risk Assessment

Business Name:	ABN:	
Business Address:		
Contact Person:	Phone:	Email:

THIS RISK ASSESSMENT IS APPROVED BY THE PCBU ON THIS PROJECT

Under the Work Health and Safety Regulation (WHS Regulation), a person conducting a business or undertaking (PCBU) is required to ensure that a RISK ASSESSMENT is prepared before the proposed work starts.

Full Name:		
Signature:	Title:	Date:

CLIENT OR PRINCIPAL CONTRACTOR DETAILS

Client:	SCOPE OF WORKS
Project Name:	
Project Address:	
Project Manager:	
Contact Phone:	
Date Risk Assessment supplied to Project Manager:	

RISK MATRIX									
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE	MAJOR	CATASTROPHIC	SCORE	ACTION	HIERARCHY OF CONTROLS	
ALMOST CERTAIN	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4 ACUTE			Elimination Remove the hazard.	
LIKELY	2 MODERATE	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4A ACUTE	DO NOT PROCEED	Substitution Replace the hazard.	
POSSIBLE	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	4 ACUTE	3H HIGH	Review before work starts.	Isolation Isolate People from the hazard	
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	2M MODERATE	Ensure control measures in place.	Engineering Isolate the hazard	
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	Monitor and keep records.	Administrative Change	
								PPE	

Risk Rating & Required Action:

4A	Stop work. The risk is intolerable. Eliminate the hazard or redesign the activity before proceeding. A Safe Work Method Statement (SWMS) or higher-level authorisation is required.
3H	Review and approve additional controls before task starts. Senior supervisor sign-off needed.
2M	Ensure all nominated controls are in place and effective. Proceed with caution; monitor conditions.
1L	Proceed, following standard operating procedures. Monitor and keep records.

Consequence Scale:

Consequence	People (injury/illness)	Project / Assets	Compliance / Reputation
Catastrophic	Fatality or permanent total disability	project shutdown	Significant regulator intervention; criminal prosecution
Major	Serious injury/illness (hospital > 5 days)	critical delay	Improvement notice; major media coverage
Moderate	Medical-treatment injury; lost-time > 1 day	moderate delay	Minor breach; adverse client comment
Minor	First-aid only, no lost time	negligible delay	Isolated non-conformance
Insignificant	No injury	no schedule impact	Deviation caught and corrected on site

Notes on Hierarchy of Controls:

Remember to apply controls in the preferred order shown by the coloured pyramid:

- Eliminate**
- Substitute
- Isolate
- Engineering
- Administrative
- PPE

Always document **why** a lower-order control is accepted if elimination or substitution is not reasonably practicable.

aligned with Safe Work Australia's Managing the risk of fatigue at work (2023) and ISO 45001:2018 clauses 6–8.

JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
1. Preparation	Slip risk on pre-existing wet surface, Inhalation of dust during cleaning	3H	<ul style="list-style-type: none"> - Ensure floor signage for wet areas during cleaning - Use dust masks during preparation - Provide training on proper cleaning technique - Ventilate area to disperse dust - Secure the work area to prevent unauthorized entry - Schedule work when fewer people are around - Conduct pre-work safety briefing - Check equipment for functionality - Ensure emergency exit are clear - Use slip resistant footwear for workers 	2M
2. Selection of Coating Material	Chemical exposure from coating, Spills causing slip hazards	3H	<ul style="list-style-type: none"> - Select materials from reputable suppliers - Ensure MSDS (Safety Data Sheets) available for all chemicals - Use proper ways under containers while mixing - Train workers on chemical handling procedures - Wear appropriate PPE such as gloves and goggles - Secure lids on containers after use - Supervisors to check material selection - Ensure proper labelling of containers - Plan for environmental protection against spills - Establish a designated mixing area away from high traffic zones 	2M
3. Mixing Coating	Chemical reaction causing fumes, Spills resulting in slip hazards	4A	<ul style="list-style-type: none"> - Conduct mixing in well-ventilated area - Use PPE including masks and gloves - Keep fire extinguishers nearby in case of ignition - Train workers on emergency procedures - Use mechanical mixers if necessary to minimise manual handling - Place warning signs around mixing area - Assign experienced personnel to supervise mixing - Ensure spill kits are accessible 	2M

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			<ul style="list-style-type: none"> - Perform regular checks for leaks in containers - Monitor climatic conditions that could affect fumes 	
4. Application of Primer	Excessive fumes from primer application, Primer spills causing slip hazards	3H	<ul style="list-style-type: none"> - Wear appropriate PPE (respirator, gloves, eye protection) - Ensure adequate ventilation - Use spill containment measures - Store containers properly - Clean up spills immediately - Avoid contact with skin and eyes - Follow manufacturer's instructions - Use designated areas for application - Keep fire extinguishers nearby - Avoid open flames - Use proper disposal methods - Train personnel on safe handling - Conduct regular safety checks - Use warning signs - Maintain clear walkways - Avoid eating or drinking - Wash hands after use - Store materials in locked cabinets - Use secondary containment - Label all containers - Keep containers closed when not in use - Use proper lifting techniques - Avoid carrying heavy loads - Use proper posture - Take regular breaks - Stay hydrated - Use proper footwear - Avoid walking on wet surfaces - Use caution when using tools - Keep work area organized - Clean up after work - Dispose of waste properly - Follow local regulations - Obtain necessary permits - Notify relevant authorities - Keep records of work - Review safety procedures - Conduct safety meetings - Encourage safety culture - Report incidents - Investigate incidents - Implement corrective actions - Review and improve processes - Stay informed of new regulations - Participate in safety training - Stay alert and focused - Avoid distractions - Use common sense - Ask for help when needed - Communicate clearly - Listen to safety concerns - Stop work if unsafe - Prioritize safety over speed - Take responsibility for safety - Be a role model - Encourage others to be safe - Stay calm in emergencies - Follow evacuation procedures - Know emergency exits - Keep emergency contacts - Stay informed of emergency procedures - Practice emergency drills - Stay prepared - Stay safe 	1L
5. Application of Anti-slip Coating	Incorrect coating thickness leading to slips, Fume exposure during application	3H	<ul style="list-style-type: none"> - Apply coating in thin, even layers - Use proper application techniques - Ensure adequate ventilation - Wear appropriate PPE (respirator, gloves, eye protection) - Avoid contact with skin and eyes - Follow manufacturer's instructions - Use designated areas for application - Keep fire extinguishers nearby - Avoid open flames - Use proper disposal methods - Train personnel on safe handling - Conduct regular safety checks - Use warning signs - Maintain clear walkways - Avoid eating or drinking - Wash hands after use - Store materials in locked cabinets - Use secondary containment - Label all containers - Keep containers closed when not in use - Use proper lifting techniques - Avoid carrying heavy loads - Use proper posture - Take regular breaks - Stay hydrated - Use proper footwear - Avoid walking on wet surfaces - Use caution when using tools - Keep work area organized - Clean up after work - Dispose of waste properly - Follow local regulations - Obtain necessary permits - Notify relevant authorities - Keep records of work - Review safety procedures - Conduct safety meetings - Encourage safety culture - Report incidents - Investigate incidents - Implement corrective actions - Review and improve processes - Stay informed of new regulations - Participate in safety training - Stay alert and focused - Avoid distractions - Use common sense - Ask for help when needed - Communicate clearly - Listen to safety concerns - Stop work if unsafe - Prioritize safety over speed - Take responsibility for safety - Be a role model - Encourage others to be safe - Stay calm in emergencies - Follow evacuation procedures - Know emergency exits - Keep emergency contacts - Stay informed of emergency procedures - Practice emergency drills - Stay prepared - Stay safe 	2M
6. Drying Period	Premature usage of treated area, Impaired air quality if not ventilated	4A	<ul style="list-style-type: none"> - Restrict access to treated area - Ensure adequate ventilation - Monitor air quality - Avoid activities that could disturb the coating - Use proper disposal methods - Train personnel on safe handling - Conduct regular safety checks - Use warning signs - Maintain clear walkways - Avoid eating or drinking - Wash hands after use - Store materials in locked cabinets - Use secondary containment - Label all containers - Keep containers closed when not in use - Use proper lifting techniques - Avoid carrying heavy loads - Use proper posture - Take regular breaks - Stay hydrated - Use proper footwear - Avoid walking on wet surfaces - Use caution when using tools - Keep work area organized - Clean up after work - Dispose of waste properly - Follow local regulations - Obtain necessary permits - Notify relevant authorities - Keep records of work - Review safety procedures - Conduct safety meetings - Encourage safety culture - Report incidents - Investigate incidents - Implement corrective actions - Review and improve processes - Stay informed of new regulations - Participate in safety training - Stay alert and focused - Avoid distractions - Use common sense - Ask for help when needed - Communicate clearly - Listen to safety concerns - Stop work if unsafe - Prioritize safety over speed - Take responsibility for safety - Be a role model - Encourage others to be safe - Stay calm in emergencies - Follow evacuation procedures - Know emergency exits - Keep emergency contacts - Stay informed of emergency procedures - Practice emergency drills - Stay prepared - Stay safe 	2M

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7. Clean-up and Waste Disposal	Chemical exposure from residual materials, Injury from improper disposal methods	3H		1L
8. Inspection and Handover	Handover of incomplete or non-compliant work, Failure to record and rectify defects	2M		1L
9. Post-Application Review	Omission of follow-up actions, Received feedback on overlooked hazards	2M		1L

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10. Ongoing Maintenance	Deterioration leading to reduced effectiveness, Lack of upkeep increasing slip risks	2M		1L
11. Emergency Planning	Inadequate response to incidents, Unclear emergency procedures	3H		1L
12. Record Keeping	Loss of critical safety records, Non-compliance with documentation requirements	2M		1L

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13. Worker Training and Competency	Lack of awareness leading to increased risks, Non-adherence to safety protocols	3H		1L
14. Supplier Coordination	Delayed material delivery leading to rushed work, Inferior material quality leading to non-compliance	2M		1L
15. Incident Reporting	Underreporting of small incidents, Delayed response to reported incidents	3H		1L

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SAMPLE

EMERGENCY RESPONSE – CALL 000 FOR EMERGENCIES

Ensure to have an Emergency Management Plan in place as well as adequate numbers of trained first aid staff with easy access to fully stocked first aid kits, rescue equipment, material safety data sheets, adequate access to emergency communication equipment and fire-fighting equipment suitable for all classes of fire and ignition sources.

LEGISLATIVE REFERENCES

RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISLATIVE REFERENCES IF ANY STATE THAT ARE NOT APPLICABLE

Queensland & Australian Capital Territory

Work Health and Safety Act 2011

Work Health and Safety Regulations 2011

Legislation QLD: <https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws>

Codes of Practice QLD: <https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice>

Legislation ACT: <https://www.worksafe.act.gov.au/laws-and-compliance/acts-and-regulations>

Codes of Practice ACT: <https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice>

Victoria

Occupational Health and Safety Act 2004

Occupational Health and Safety Regulations 2017

Legislation VIC: <https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and-regulations>

Codes of Practice VIC: <https://www.worksafe.vic.gov.au/compliance-codes-and-codes-practice>

New South Wales

Work Health and Safety Act 2011

Work Health and Safety Regulations 2017

Legislation NSW: <https://www.safework.nsw.gov.au/legal-obligations/legislation>

Codes of Practice NSW: <https://www.safework.nsw.gov.au/resource-library/list-codes-of-practice>

Western Australia

Work Health and Safety Act 2020

Work Health and Safety Regulations 2022

Legislation Western Australia: <https://www.commerce.wa.gov.au/worksafe/legislation>

Codes of Practice WA: <https://www.commerce.wa.gov.au/worksafe/codes-practice>

Northern Territory

Work Health and Safety (National Uniform Legislation) Act 2011

Work Health and Safety (National Uniform Legislation) Regulations 2011

Legislation NT: <https://worksafe.nt.gov.au/laws-and-compliance/workplace-safety-laws>

Codes of Practice NT: <https://worksafe.nt.gov.au/laws-and-compliance/codes-of-practice>

Safe Work Australia Links

Law and Regulation (All States): <https://www.safeworkaustralia.gov.au/law-and-regulation>

Model Codes of Practice: <https://www.safeworkaustralia.gov.au/resources-publications/model-codes-of-practice>

Model Codes of Practice

- Managing noise and preventing hearing loss at work
- Confined spaces
- Labelling of workplace hazardous chemicals
- Managing risks of hazardous chemicals in the workplace
- Welding processes
- First aid in the workplace
- Managing the risk of falls at workplaces
- Hazardous manual tasks
- Managing the risk of falls in housing construction
- Managing electrical risks in the workplace
- Demolition work
- Excavation work
- Work health and safety consultation, cooperation and coordination
- Managing the work environment and facilities
- How to manage work health and safety risks
- Managing risks of plant in the workplace
- Construction work

South Australia

Work Health and Safety Act 2012 (SA)

Work Health and Safety Regulations 2012 (SA)

Legislation for SA: <https://www.safework.sa.gov.au/resources/legislation>

Codes of Practice for SA: <https://www.safework.sa.gov.au/workplaces/codes-of-practice#COPs>

Tasmania

Work Health and Safety Act 2012

Work Health and Safety (Transitional and Consequential Provisions) Act 2012

Work Health and Safety Regulations 2012

Work Health and Safety (Transitional) Regulations 2012

Legislation for TAS: <https://worksafe.tas.gov.au/topics/laws-and-compliance/acts-and-regulations>

Codes of Practice for TAS: <https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice>

Details of permits, licenses or access required by regulatory bodies (add or delete as required):

- Permits from local council
- Authorisation to commence work
- Any required documents.