

Render Safe Work Methods

Recommendations for the preparation of Euromix® Renders are included in 'The Render, Render Systems & Textures Catalogue' – they should be reviewed before commencing work on site.

Please also refer to the relevant PDS (Product Data Sheet) and MSDS (Material Safety Data Sheet) for additional information.

The information presented in this sample Safe Work Method statement should not be viewed as a definitive guide to the law, and should be read in conjunction with the relevant regulations and guides published by Workcover, MBA, HIA and relevant authorities.



Safe Work Methods Summary

1. Site Preparation:

Think about the worksite and each stage of the project, including preparation and clean-up. Identify and eliminate slip and trip hazards in the work site. Clean up work area before starting – ensuring clear safe access to store materials and to work.

2. Equipment Preparation:

Check all equipment and machines to be used - ensure that all electric power tools have good leads, current test tags, use an RCD and are off the ground.

3. Manual Handling:

Ensure workers understand how to lift the 20 kg bags of Euromix® Render safely. Identify location of cranes, lifts and elevators to enable transfer of materials from floor to floor – obtain approval for access and outline of 'conditions of use' from Site Manager.

Obtain access to forklifts (where available) and certified / licensed drivers for offloading of palletised material.

4. Work Methods Guidelines

4.1 Briefing workers.

Ensure relevant employees are informed of the PDS and MSDS for the materials being used; outline any work that will be high-risk, the tasks, and associated hazards – clearly outline controls to manage the risks.

4.2 Personal preparation.

Keep exposure to dust as low as practicable, to minimize health problems such as skin, eye and respiratory irritation. avoid repeated skin contact with both the dry powder and the wet mixture.

Carry out work in such a way as to minimise exposure to dust and repeated skin contact. Where dust could be generated whilst handling cement, use local mechanical ventilation or extraction to minimise exposure to those involved. Work areas should be cleaned regularly by wet sweeping or vacuuming.

If preparation of the substrate requires cutting or grinding of masonry then ensure that goggles and respirators are available and that they are worn. It is also recommended that suitable hearing protection be worn when cutting or grinding. Follow personal protection instructions below if no local exhaust ventilation is available.

4.3 Delivery and handling of Render.

Euromix® Renders are generally delivered on plastic shrink wrapped 1160x1160mm softwood pallets, in lots of 56 bags (20kg in each bag) per pallet. The pallets should be offloaded and moved around the worksite by suitable forklift and driver.

Ensure pallets do not block access points / exits, safety lanes or common footpaths. Plan space and location requirements before material arrives, keeping pallets inside site and assigned workspace boundaries.

Where required use a dedicated trained traffic controller when working in a mobile plant operational zone.

Where Euromix® Render is to be manually off loaded and / or moved ensure that personnel are aware of and trained in the recognised, local safe lifting methods that should be used.

Render Safe Work Methods

Work Methods Guidelines – continued.

4.4 Working at ground level.

Do not work within 2 m of an open trench or shaft unless barricades are in place to prevent falls. It is recommended that for fall heights <2 m, fully decked heavy-duty frame trestle scaffolds, with bay lengths of 1.8 m or less should be used.

For fall-heights >2 m, use heavy-duty modular scaffolds with guards, handed over by a licenced scaffolder. Do not load platforms with more than 20 bags of Render.

4.5 Working above ground.

Do not use scaffolds closer than 4.6 m to power lines unless the scaffolding contractor has fitted ply hoarding sheets to the outside of the scaffold and to the full height of the working lift.

4.6 Mixing Render.

Euromix® Render can be mixed with the correct ‘gauge’ (Euromix® Bond / water mix) manually, by electric drill mixers or traditional concrete mixers. Add the required volume of ‘gauge’ to the mixing bucket or concrete mixer then steadily add the Euromix® Render powder until it is smooth and lump free.

Ensure that the area where the Render is being mixed is kept as dry as possible – eliminate sources of free water that may create hazards for workers.

4.7 Spills and disposal.

Organise work to minimize the creation of dust and follow the recommendations about exposure limits, personal protection and treatment for exposure outlined in the relevant MSDS.

Collect dust and waste in containers and dispose of as trade waste in accordance with local authority guidelines. Do not dispose of in sewer and storm water drains.



The information contained in this summary is offered as a guide only. It is Euroset Manufacturing’s recommendation that Euromix products be applied by building contractors and trades people with the appropriate skill, knowledge and experience necessary to meet the requirements of each project.

Euromix Render MSDS Summary

Euromix Renders are classified as hazardous materials.

Composition	CAS number	Proportion
Portland Cement	65997-15-1	10 – 20%
Hydrated Lime (Ca[OH] ²)	1305-62-0	0 – 20%
Crystalline Silica (Quartz SiO ²)	14808-60-7	60 – 80%
Hexavalent Chromium	18540-29-9	< 2 ppm

Euromix Render Exposure Controls

	NOHSC Exposure Standards
Portland Cement	10 mg/m ³
Hydrated Lime (Ca[OH] ₂)	5 mg/m ³ (8h TWA)
Crystalline Silica (Quartz SiO ₂)	0.2 mg/m ³
Hexavalent Chromium	0.05 mg/m ³

Keep exposure to dust as low as practicable, to minimize health problems such as skin, eye and respiratory irritation.

Avoid repeated skin contact with both the dry powder and the wet mixture.

Carry out work in such a way as to minimise exposure to dust and repeated skin contact. Where dust could be generated whilst handling cement, use mechanical ventilation or extraction to minimise exposure

Work areas should be cleaned regularly by wet sweeping or vacuuming.

If preparation of the substrate requires cutting or grinding of masonry then ensure that goggles and respirators are available and that they are worn. It is also recommended that suitable hearing protection be worn when cutting or grinding.

First Aid if Exposed

Swallowed	Rinse mouth and lips with water. Do not induce vomiting. Give water to drink to dilute stomach contents. If symptoms persist, seek medical attention.
Eyes	Flush thoroughly with flowing water for at least 15 minutes. Seek urgent medical attention.
Skin	Wash thoroughly with water. A shower, using soap and water may be required.
Inhaled	Remove from dusty area to fresh air. If symptoms persist, seek medical attention.
First Aid Facilities	Eye-wash station.
Notes to Doctor	Treat symptomatically.