Euromix™ WALSC Nasahi Wall Finishing System

Euromix offers numerous products for use in finishing systems over autoclaved aerated WALSC foam wall panels and blocks such as from WASLC Nasahi

1. System Scope:

The Euromix WASLC AAC Wall finishing system summarised here covers;

- Cementing of joints.
- Fixing of PVC trims & angles and fibreglass mesh.
- Application of a base coat of render, to a nominal thickness of 3-5mm, with some make-good of variations in level / alignment of substrate, as allowed by the thickness of render being applied.
- Application of a finish coat of render, to a nominal thickness of 2-3mm, finished ready for a textured decorative finish (1-1.5mm thickness) or paint.

Such a finish will hide most surface imperfections and reduce the impact of minor structural imperfections and misalignment of walls, depending on their severity. This is the minimum finish recommended by Euromix for Foamed WALSC Wall System.

Euromix Renders are designed for use as a decorative finish, they are not meant to be used in 'engineered' applications (where special strength, movement, hardness, or other performance characteristics are required).

2. System Application:

2.1 WALSC Foam Wall Substrate Preparation:

Ensure that all elements to be rendered have been constructed and fixed in accordance with the project plans / specifications and the Foamed WALSC Wall manufacturer's recommendations, some items for consideration include;

- The moisture content of the Foamed WALSC Wall substrate must be within the manufacturer's guidelines.
- Walls should be straight, flat and plumb - all joints should be structurally sound with face surface levels on each side of the join aligned.
- Internal and external corners must be constructed such that they are unlikely to move.
- Movement joints must be installed in accordance with the Foamed WALSC Wall manufacturers' and Building Code of Australia (BCA) guidelines.
- All surfaces of the WALSC Foam Walling to be coated must be clean, dry, and free from any material that may inhibit adhesion.
- Identify any surface irregularities and determine the method / extent of 'make good'.
- Locate damp courses – these cannot be bridged by the render finish.
- Mask windows and architectural trim elements, floors and adjacent walling materials using tape, plastic film or similar.

2.2. Cementing Joints:

Apply Euromix™ AAC Adhesive to the horizontal and vertical surfaces of the AAC panel or block with a 6 - 12mm notched trowel, making certain to work on a maximum of 6 blocks or 1 panel at one time.

Position the AAC panels or blocks by gently using a rubber mallet to secure them into position. Use a spirit level to check the level and alignment of blocks. The thickness of the Euromix AAC Adhesive joint should be approximately 2-3mm.

Allow 24 hours at 25°C after which it can be over coated with Euromix Renders. Do not apply in temperatures below 10°C or above 35°C.

2.3 Fixing Fibreglass and PVC Moulds/Trims:

Where the specification calls for PVC angles/trims lay a 2mm bed of Euromix™ Patch Coarse over the surface of the WALSC AAC Wall and fix the required PVC Trims into position, ensuring that they are plumb and aligned with the AAC panel surface.

In areas where the WALSC foam Wall manufacturer calls for the use of fibreglass mesh (eg: over openings, corners, etc.) apply a 2mm bed of Euromix Patch Coarse and then make certain that the fibreglass is fully embedded in the Patch (covered above and below).

Work on angles/trims/mesh progressively to ensure that the Patch Coarse bedding coat does not set before the skim coat of Patch Coarse is applied. Allow at least 24hrs-curing time for Patch Coarse before applying following render (or other) coatings.

Euromix™ WALSC Nasahi Wall Finishing System

2.4 Base Render Coating:

Euromix offers four different render products that can be used for the base render coat. While each of these four renders will provide the required appearance, durability and functional performance characteristics they offer different attributes during application;

Product	Description
Euromix™ FP Render	A medium grained full polymer render formulated for use as a general purpose base render.
Euromix™ NPS Base Render	A medium grained high polymer strength render formulated for use as a base render for low porosity substrates, like FC.
Euromix™ Cream Render	A medium – large grained multipurpose render that requires the addition of polymer (Euromix Bond at 1:4 ratio for first coat)
Euromix™ Render	A small - medium grained multipurpose render that requires the addition of polymer (Euromix Bond at 1:4 ratio for first coat)

Euromix experience suggests that the two 'full polymer' renders (FP Render and NPS Base Render) offer higher levels of confidence for the project manager (that the correct polymer content has been used for the application).

Once the Patch coat and AAC Adhesive have dried (at least 24 hours in normal conditions) prepare the selected Euromix Render product and then apply it a nominal thickness of 3-5mm, using a trowel and straight edge to achieve a true and level finish.

Spillage and partially set material should not be re-tempered with water and should be discarded. Tools and equipment should be cleaned with water immediately after use.

Ensure adequate protection from the drying effects of direct sunlight, wind and low humidity or a combination of these elements. Rapid drying of the surface can cause cracking and result in a low strength / friable render. Do not apply Euromix Renders when conditions will be above 32ºC, especially if windy, nor where the temperature is below 10ºC or where the chill factor is high.

Ensure that the curing render is protected from rain, extreme frosts and other sources of excess moisture (e.g.; overflowing gutters and down pipes).

2.5 Finishing Render Coat:

Once the base render coat has dried (at least 24 hours in normal conditions) prepare Euromix™ Skim Coat Render with a gauge of 1 part Bond to 18 parts water then apply this to a nominal thickness of 2mm, using a trowel and straight edge to achieve a true and level finish.

Rule off the Skim coat and finish with polystyrene, wood, or plastic floats ready for a trowelled-on acrylic texture coating or paint.

Alternatively, the Skim Render can be sponge finished after floating and made ready for the application of two coats of Euromix™ Euroflex.

2.6 Texture Coat:

Euromix offers four (4) different texture products for this stage; a fine, medium, coarse, and extra coarse. All are designed to provide an attractive sparkle effect appearance, that offers a durable, flexible and water repellent decorative finishing coating with excellent coverage over Euromix™ Renders and other substrates. Please visit our Euromix website for further information on our texture coatings.

Before applying the chosen texture (one coat), prime the surface with Euromix® Acrylic Primer and allow it to dry (min 4 hours).

3. Product Specific Guidelines:

The instructions for the preparation and application of each of the Euromix products detailed above can be found in the relevant Product Data Sheet.

4. Colours:

Where customers choose to have their Euromix Texture and/or Euromix Euroflex material tinted, they must specify a 'Standard Colour' from a current colour chart for any of the major paint manufacturers within Australia.

5. Limitations in Use:

Euromix products should not be subjected to hydrostatic pressure, continual or excessive rising damp, movement, and vibration.

Euromix coatings are designed for use as decorative finishes; they are not meant to be used in applications where special strength, movement, hardness, or other performance characteristics are required.

Any building movement that results in visible cracking of the building elements (walling, claddings, linings, etc.) will also be sufficient to cause cracking of the decorative finish – this is the case for both potential new and pre-existing building movement cracking.

Decorative render systems, such as Euromix render and texture coat systems, will not hide cracking caused by structural movement and or shrinkage, or expansion of substrates caused by temperature and moisture associated movement.

Euromix products must be applied by building contractors and trades people with the appropriate skill, knowledge, and experience to carry out the relevant works.

Euroset will not accept responsibility for misuse of any of its products discussed in this document.

Euromix™ WALSC Nasahi Wall Finishing System

Euromix™ offer Acrylic Render Systems for all substrates including Fibre-Cement (FC) Blue Board, AAC / Hebel, PVC (Dincel), AFS Ritek, Masonry, and Polystyrene (EPS).

Contact us for more information on a Euromix Systems Guide for your next substrate.

The information contained in this product guide is typical and does not constitute a full specification, as conditions and specific requirements will vary from project to project.

All purchasers and intending users of the products covered in this document must, prior to use, assess and control the risks arising from use of the products, as they relate to their project.

For further information please contact Euromix via the contact details listed below;

Supplier	*Euromix Pty Ltd* *ABN 57664946070*
Address	*31-33 Water Street* *Strathfield South NSW 2136*
Telephone	*(02) 9572 9061*
Email	*contact@euromix.com.au*
Web	*www.euromix.com.au*