



The Euromix™ PVC Finishing System is suitable for application over PVC permanent formwork systems such as Dintel.

1. System Summary:

The Euromix PVC Finishing System requires the application of **six (6) different acrylic based Euromix products;**

1. Euromix™ NPS Primer	Prepares the PVC surface for following coatings.
2. Euromix™ Patch Coarse	Provides a keying flexible coat for the render coats.
3. Euromix™ NPS Base Render	The Base render coating (can be two coats).
4. Euromix™ FP Render	Finishing coat for application of texture.
5. Euromix™ Texture	Final textured coat and the base colour for the system.
6. Euromix™ Euroflex*	Protects the system and gives the final colour.

2. System Scope:

The finishing system described in this document is suitable for PVC permanent formwork systems, provided;

- The filled system is 'straight and true' to within 5mm.
- The walling system and the rest of the building is designed and constructed in accordance with the Building Code of Australia (BCA).
- The formwork system is installed in accordance with the manufacturers' published instructions.
- The walling system has been designed and constructed in such a way as to avoid water ingress from the top or bottom of the walling and/or through panel joints.

- Expansion joints have been installed in accordance with the PVC system manufacturers' specifications. Expansion joints should be installed in accordance with AS 3958.1-2007 and at least, be located, between different walling substrates, at internal corners, between floors of multi story buildings and at site fabricated PVC system junctions.

3. System Application Guidelines:

3.1 Substrate Preparation

All surfaces of the PVC walling to be coated must be clean, dry, and free from any material that may inhibit adhesion (including loose paint, grease, oil, fungus / moss, dirt, friable materials, and any mould release agents).

Any concrete splatter or other build up on the external surface of the PVC Formwork should be removed. The source of any 'leakage' of concrete should be investigated and any problems with possible water ingress be corrected.

Mask windows and architectural trim elements, floors and adjacent walling materials using tape, plastic film or similar.

3.2 Primer Coat

Apply Euromix™ NPS [non-porous] Primer (do not dilute) with a brush or roller to all surfaces to be finished (coverage @ 10-12 Sqm/L).

Allow minimum 24 hours before applying any following coats.

3.3 Keying Coat

Apply a skim coat of Euromix™ Patch Coarse to a thickness of 1-3mm, using a trowel and hawk, taking care to maintain a wet edge (coverage @ 1 Sqm/L). Do not float the Patch, as a rough finish is desirable as the base for the following coat of NPS Base Render.

Allow minimum 24 hours to dry before applying any following coats.

3.4 Base Render Coat(s)

Apply a 3-5mm thick base coat of Euromix™ NPS Base Render with a trowel and hawk, levelling with a straight edge and finishing with a renderer's float.

If thicknesses greater than 5mm are required, then multiple coats must be applied (allowing 24 hours between coats).

Euromix NPS Base Render has high polymer content, making it difficult to obtain a smooth, flat finish for the application of texture.

If a skim coat of render is required before texturing, then the NPS Base Render coat should be allowed to cure for at least 48 hours before applying a render levelling coat.

3.5 Skim Render Coat

In situations where the NPS Base Render cannot be finished to a sufficiently level, flat and smooth state, a state that is suitable for the application of the texture coat, then a skim coat of 1-2mm of Euromix™ FP Render can be applied to level the surface.

Allow the FP Render to dry for at least 24 hours before applying the texture coat.

3.6 Texture Coat

Euromix™ Texture Coatings are ready mixed acrylic textures in a fine, medium, coarse, and extra coarse finishes that are suitable to be tinted to a desired colour.

Apply the Texture Coating over the render base/skim coat by trowel, finishing flat with a suitable texture finishing float.

The texture coat should be allowed to cure for at least 24 hours before applying the following Euroflex coatings.

3.7 Final Paint Coats

Apply two coats of Euromix™ Euroflex, tinted to the desired colour, with a roller or brush over the cured Euromix™ Texture, ensuring that single wall elements are covered in the same process ('day joints' should occur at corners or other break in line of sight).

Allow 24 hours between the coats of Euroflex.

4. 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.

Please read these separate guidelines and ensure that the products are used in accordance with the recommendations.

In cases of conflict the recommendations contained in this document take precedence over the recommendations detailed for each system product in the relevant product data sheet.

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.

Movement of construction elements in buildings is commonplace (causes include foundation settlement, seismic displacement, and the behaviour of materials in relation to changes in temperature or moisture content). These movements usually result in visible cracking of the building claddings / linings (as well as other potentially more damaging modes of failure). They can also result in cracking of finishing systems applied over walling/construction element.

Sound building design and construction methods recognise the likelihood of structural and material movements and allow for them to be managed through the placement of control joints (often also called expansion joints) and the use of design features that hide or may even highlight these control joints or the areas where cracking is likely to occur.

Generally, control joints should not be coated over with Euromix products. Site specific advice should be sought from the designer/builder/site manager.

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 strongly recommends that Euromix LWHB Render be applied by building contractors and trades people with the appropriate skill, knowledge, and experience to carry out the relevant works.

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

6. Euromix™ System Warranty:

Euromix, the owners and marketers of the Euromix brand, offers a limited 15 year warranty against delamination from the PVC formwork system substrate, provided;

- The PVC formwork system is installed in accordance with the manufacturers' published specifications and the BCA.
- The Euromix system, as described above, is applied in accordance with the recommendations contained in this document and the specific Euromix product guides.
- The PVC Construction System or other PVC Formwork System is installed by an **approved & certified** installer.
- The Euromix PVC Finishing System, described above, is installed by an approved Euromix applicator.

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.

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