



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

## 1. System Summary:

The Euromix™ PVC Finishing System requires the application of **Five (5) different acrylic based Euromix™ products**;

<b>1. Euromix™ NPS Primer</b>	Prepares the PVC surface for following coatings.
<b>2. Euromix™ Patch Coarse Broadwall</b>	Provides a keying coat for the render coats.
<b>3. Euromix™ NPS Keycoat Render</b>	The Base render coating.
<b>4. Euromix™ FP Render</b>	Finishing coat for application of texture.
<b>5. Euromix™ Sand Finish or Euromix™ Quartz</b>	Final textured coat and base colour for the system.

## 2. System Scope:

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

- 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 manufacturer's published instructions.
- The walling system has been designed and constructed 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 manufacturer's specifications.

- Expansion joints 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 buildup 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 Primer (do not dilute) with a roller to all surfaces to be finished (coverage @ 10 Sqm/L).

Allow minimum 24 hours (depending on weather conditions) before applying any following coats.

### 3.3 Keying Coat

Apply a skim coat of Euromix™ Patch Coarse Broadwall to a thickness of 1-2mm, using a trowel and hawk, taking care to maintain a wet edge (coverage @ 1 Sqm/L). Do not float the Euromix™ Patch Coarse Broadwall - a rough finish is desirable as the base for the following coat of NPS Keycoat Render.

Allow minimum 24-48 hours to dry (depending on weather conditions) before applying any following coats.

### 3.4 Base Render Coat(s)

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

If thickness greater than 8mm is required, then multiple coats of Euromix™ Light Weight High Build Render (LWHB) must be applied (allowing 24 hours between coats).

Euromix™ NPS Keycoat 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 Keycoat 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 Euromix™ NPS Keycoat Render cannot be finished to a sufficient level (flat and smooth finish that is suitable for the application of the texture coat), then a skim coat of 2-3mm of Euromix™ FP Render can be applied to level the surface. Allow the Euromix™ FP Render to dry for at least 24 hours before applying the texture coat.

## 3.6 Texture Coat

The Euromix™ Sand Finish or Euromix™ Quartz are ready mixed acrylic textures that can be tinted to a desired colour.

Apply the Texture coat finish 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 24-48 hours.

## 3.7 Final Paint Coats

When in coastal areas (up to 2km), Euromix™ recommends that two coats of a good elastomeric membrane paint be used by roller or brush over the cured texture. This will provide extra protection from the weather and salty air - making the walls easier to paint and clean.

## 4. Product Specific Guidelines:

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

Please read these data sheets 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 common. Causes include foundation settlement, seismic displacement and the behaviour of materials in relation to temperature or moisture content changes. These movements usually result in visible cracking of the building claddings / linings and 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). As well as the use of design features that hide or highlight these control joints or 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™ Renders and Euromix™ Texture Coat Systems, will not hide cracking caused by structural movement, 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.

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

## 6. Euromix™ System Warranty:

Euromix Pty Ltd offers a limited 7-year product warranty against delamination from the PVC formwork system substrate, provided;

- The PVC formwork system is installed in accordance with the manufacturer's 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 Dintel 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.*

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

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