



FOREST MEWS PROJECT CASE STUDY



When it comes to property investments, investors are most likely to look on the outer appearance of the buildings before wanting to make a secure investment, as is the situation when you are a well-established investment agency. If the external condition of the building is in pristine condition, it is more appealing for investors to want to work with the staff affiliated with the association.

Dekro Paints provided a full external redecoration specification which included extensive remedial repairs; waterproofing and external coatings that would prevent moisture ingress on the walls and corrosion resistance on the metal surfaces.

Specified Products:

- Plaster & Masonry Primer
- Fibre Reinforced
- Xterior Guard
- Wash Primer
- Acri 700
- Non Drip Enamel
- Timbertek
- Hydromet Rust Converter
- Hydro C5
- Aquablock
- Hydrolock Primer
- All-in-One Waterproofing

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INTRODUCTION:

Dekro Paints provides a variety of heavy duty paints and primers for structural steel. These heavy duty paints are provided by Dekro's own Marinecoat range and through the company's relationship with Chugoku Marine Paints - one of the largest paint manufacturers in Asia, and Dekro Paints manufacture coatings under licence in strict accordance to the ISO 9001 quality accreditation from the SABS

PROJECT DETAILS:

Walls were high pressure washed to remove all delaminating coatings, dirt, dust and grime. A full primer coat of Dekro Plaster & Masonry primer was applied to provide good adhesion for the new coatings and to prevent chalkiness.

Fibre Reinforced was applied over all horizontal surfaces to prevent moisture ingress and two coats of Dekro Xterior Guard for flexibility, durability and washability were applied to the external walls.

Due to the amount of surface corrosion on the metal substrates, once cleaned and correctly prepared, two coats of Hydromet Rust Converter were applied over the rusted areas followed by two Coats of Hydro C5.



Hydro C5:

Hydro C5 is a unique, self-crosslinking anti-corrosive coating with a 10-year life expectancy, with unique properties such as:

- UV Resistance
- Resistance against a wide range of chemicals
- Direct-to-metal applications
- Anti-corrosive properties

Hydromet Rust Conversion:

The new Hydromet Rust converter provide rust-converting properties to the coating layer and enable direct applications on rust or on poorly prepared substrates. Hydromet rust converter provides an efficient rust-blocking effect as soon as the paint is applied and form a passivation layer between the substrate and the coating layer ; this helps to maintain the coating's anticorrosion performance, despite adverse substrate conditions. Hydromet Rust Converter can be used as a rust-converting pre-treatment which will perform better than tannic acid-based formulations or solvent borne alkyd-based oils. Hydromet provides the following properties :

- Preventing the "migration" of rust through paint film, even on freshly rusted surfaces.
- Preserving the coating's colour.
- Avoiding strong de-rusting operations before painting, without loss of performance.
- Not compromising the coating anticorrosion performance on non-rusted substrates.