EDITION 01

DEKRO PAINTS

...Dekro Brings Paint to Life...

Estate® Paints



Your coating guide for
Lifestyle Estates

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Why Use Dekro Paints?





Dekro Paints Group is committed to ongoing research and development using modern and future technology to ensure that we maintain the highest standard of products available in the coatings industry.

Dekro Paints Group is committed to the most stringent quality assurance systems available and to maintaining the manufacturing standards of SABS ISO 9001 to ensure that we provide the best quality products for the protection and beautification of all surfaces.

Dekro Paints Group is dedicated to maintaining the highest standard of service both nationally and internationally through our technical support and our distribution network of branches and committed stockists.

Dekro's Green Generation Products, labelled with the Dekro Daisy indicating that it is friendly to both us and our environment.
It has been specifically formulated to contain zero* levels of any harmful substances including VOC's, APEO, MEG, Formaldehyde, Ammonia and Solvents.
*zero means less than 2gm/lt

Dekro Paints received the ISO 9001 quality accreditation from the SABS on 15 April 1997.

The ISO 9001 certificate represents a significant recognition on a national and international scale. It forms part of the SABS ISO 9000 series, which is a code of practice for quality control systems developed and published by the International Standards Organisation based in Switzerland.

Quality *Assurance*

ekrosure
QUALITY ASSURANCE

A comprehensive service offering for your coating specifications and assessments, colour assistance, application assistance, quality management, monitoring and maintenance service co-ordination for your product and project requirements.





PRODUCT TRAINING

Dekro Paints has a modern training facility where we provide product training to Facility Management, Service Departments, Maintenance Managers, staff and Contractors. Training is not limited to this facility and we can accommodate training seminars on your premises.

APPLICATION TRAINING

We provide expert training on our decorative, industrial and marine coatings and on specialist applications we prefer to conduct the training on site. Our facilitators will provide the necessary training to ensure correct application procedures are adhered to while the project is taking place.

Xterior Guard

Dekro Xterior Guard is a flexible, fibre reinforced waterproofing coating based on a blend of pure Acrylic polymers.

Dekro Xterior Guard is an exceptionally high quality fibre reinforced flexible waterproofing coating with a low sheen. Dekro Xterior Guard bridges hairline cracks, offers extremely low dirt retention, is highly washable, has good stain resistance, excellent durability and outstanding waterproofing properties. Dekro Xterior Guard is ideal for applications that require outstanding durability and waterproofing. Designed to cover hairline cracks on old and crazed plaster. Ideal for application to exterior surfaces that are exposed to heavy weather elements. It has a low odour and a novel additive to prevent Fungal and Algal growth. The actives within the additive have improved resistance to Alkali, UV and leaching, ensuring better long term stability and efficiency.





Problem Solving

BLISTERING/BAGGING

Description

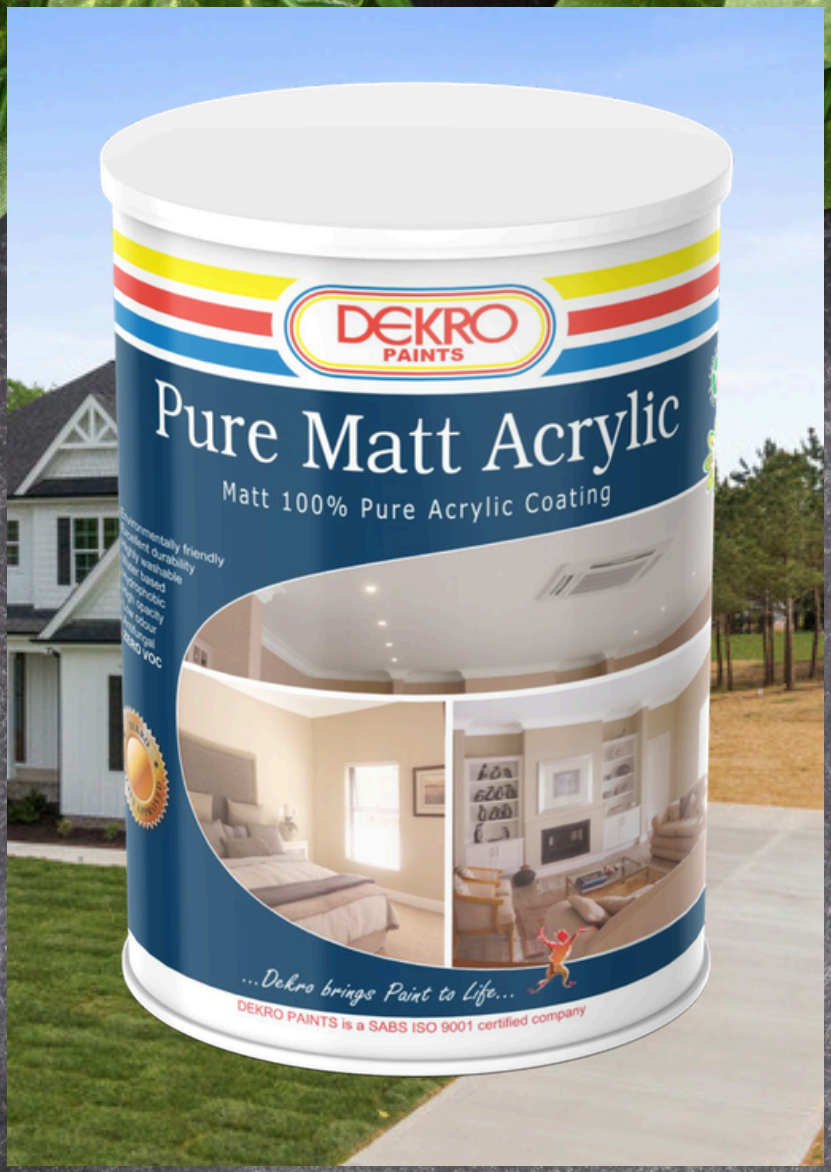
Bag-shaped blisters ranging from 0.5cm to 1m in diameter. Blisters can be intact or perished and flaking. If not dried out the blisters can be found to be filled with water/liquid.

Possible diagnosis

- Excessive moisture ingress at the back of paint film.
- Painting to soon before the masonry structure has dried.
- Water-based paint exposed to rain, high humidity or dew shortly after the coating has dried.
- Poor structural design aspect related to moisture barriers.

Remedy

- Remove all loose and flaking paint.
- Establish cause of moisture ingress and rectify.
- Allow structure to dry out before repainting.
- If moisture source cannot be removed, an ultra-high PVC topcoat paint such as Pure Matt Acrylic may have to be used.



Pure Matt Acrylic

Dekro Pure Matt Acrylic is a premium quality Interior/exterior matt coating, which is highly washable, stain resistant and has excellent durability and opacity.

Dekro Pure Matt Acrylic can be applied to new primed cement plaster walls, fibre board, gypsum plaster, ceiling boards and suitably primed metal and wood. Ideal for any hardwearing surfaces such as walkway passages, bedrooms, dining rooms and lounge walls. Ideal for both interior and exterior use. It has a low odour and a novel additive to prevent Fungal and Algae growth. The actives within the additive have improved resistance to Alkali, UV and leaching, ensuring better long term stability and efficiency.

Problem Solving

SAGS, DRIPS, TEARS, CURTAINS AND RUNS

Description
Downward movement of a paint film during application and setting, resulting in an uneven film having a thicker lower edge. In this example holes in rough scratch plaster trap more paint and result in runs.

Possible diagnosis
- Too thickly applied coat due to incorrect roller cover or technique.
- Paint with poor flow properties.
- Incorrectly thinned paint.
- Painting in too cold or humid conditions.
- Spraying too close to the surface.

Remedy
- If still wet, brush or roll out to level.
- Dried paint needs to be sanded down a level and repainted. Make sure that the paint and application technique match the original.
- Do not paint in excessively cold or humid conditions.
- Do not overload brush or roller with paint.

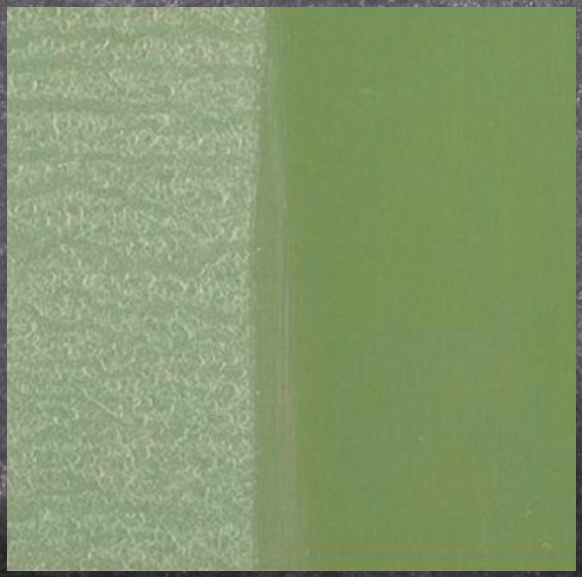


PURE VELVET

Dekro Pure Velvet is a premium quality interior/exterior velvet coating, with a low sheen finish which is highly washable, stain resistant and has excellent durability and high opacity.

Dekro Pure Velvet can be applied to new primed cement plaster walls, fibre board, gypsum plaster, ceiling boards and suitably primed metal and wood. Ideal for any hardwearing surfaces such as walkway passages, bedrooms, dining rooms and lounge walls. Ideal for both interior and exterior use. It has a low odour and a novel additive to prevent Fungal and Algal growth. The actives within the additive have improved resistance to Alkali, UV and leaching, ensuring better long term stability and efficiency.





Problem Solving

DIRT PICKUP AND DIRT RETENTION

Description

Dirt pickup describes the degree to which dirt, dust, and other contaminants adhering to a substrate and the degree to which dirt remains on the substrate after cleaning.

Possible diagnosis

- Low-quality paints, especially some matt paints, are more coarse and porous and thus more susceptible to dirt pick up and retention.
- Sheen paints with considerable flexibility could also trap dirt during expansion and contraction.
- Continuous contact with contaminants like soil and air pollution.

Remedy

- Remove dirt by washing and rinsing.
- Recoat with a good quality medium to high sheen paint such as Dekro Pure Velvet or SheerSatin



Non Drip Enamel

Dekro Non Drip Enamel is a non-yellowing water based interior/exterior enamel which is highly durable and washable which dries to an attractive low sheen (satin) finish.

Dekro Non Drip Enamel provides a protective barrier against heat and steam and has good chip and stain resistance. Dekro Non Drip Enamel is ideal for walls, suitably primed metal, furniture and wooden trims (e.g. doors, windows and skirtings). It has a low odour and a novel additive to prevent Fungal and Algal growth. The actives within the additive have improved resistance to Alkali, UV and leaching, ensuring better long term stability and efficiency.

Problem Solving

MUD OR STAR CRACKING

Description
Star or mud type crack patterns in the paint film. The top of the film dries faster than the internal bottom layer and the difference in tension results in cracks.
Cracks are generally large in size ranging from 5-15mm in diameter and they tend to be surface cracks.

Possible diagnosis
- Water-based paints applied to hot substrates.
- Water-based paint drying under extremely hot conditions.

Remedy
- Sand down and recoat in thinner layers at more moderate temperatures.
- Allow longer drying times between coats.



HYDROTEX

Dekro Hydrotex is a high quality, light textured coating that covers plaster imperfections, surface defects and bridges hairline cracks. It allows a protective flexible barrier against extreme weather elements on exterior walls.

Dekro Hydrotex is a light textured coating for suitably primed, new and old cement plaster. Ideal for application to exterior surfaces. Overcoatable with Dekro Xterior Guard for improved waterproofing properties and reduced dirt retentiveness. It has a low odour and a novel additive to prevent Fungal and Algal growth. The actives within the additive have improved resistance to Alkali, UV and leaching, ensuring better long term stability and efficiency.



Problem Solving

WRINKLING

Description

Wrinkling of water-based coating shortly after application in wet weather. Typical of more flexible sheen coatings. The coating can easily be removed due to a lack of adhesion.

Possible diagnosis

- Recently painted surfaces that have received moisture pressure from the rear. The flexible, partially cured paint film expands into blisters and then retracts after the water pressure has subsided. The partial contraction results in a wrinkled paint film.

Remedy

- Remove loose and wrinkled paint.
- Remove all sources of moisture ingress.
- Ensure that moisture barriers are in place at ground level, parapets, landings and window sills etc.
- Allow substrate to dry thoroughly.
- Repaint under the correct weather conditions.



PLASTER AND MASONRY PRIMER

Dekro Plaster and Masonry Primer is a water-based alkali resistant primer and sealer for use on new plaster, cretestone, fibre cement and alkaline surfaces.

Dekro Plaster and Masonry Primer can be used as a primer and sealer for all new interior and exterior porous surfaces such as asbestos, fibre cement, plaster, bricks, cement and various types of composition boarding. Suitable for binding and sealing of suitably prepared chalked and powdery surfaces to create key adhesion for subsequent coatings. It has a low odour and a novel additive to prevent Fungal and Algal growth. The actives within the additive have improved resistance to Alkali, UV and leaching, ensuring better long term stability and efficiency.

Problem Solving

ALKALI ATTACK

Description
Discoloration of coating in patches generally associated with colours. This normally occurs on fresh or patched up plastered walls. The patches can be both in shaded and UV exposed areas.

Possible diagnosis

- Alkali attack of the coating pigments through increased concentrations of calcium hydroxide salts from cement.
- Possibly due to painting when plaster is still damp (moisture content exceeding 18%).
- Moisture ingress from hairline cracks which result in calcium hydroxide salts seeping out and conglomerating.
- The lack of a suitable alkali-resistant primer.
- Excessive continuous contact with moisture. Areas most affected are those near to parapet walls, horizontal landings, ground level and cracks.
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Remedy

- Remove or seal the source of moisture ingress if this was the cause.
- Apply a quality masonry primer such as Dekro Masonry Primer after the wall has dried sufficiently.

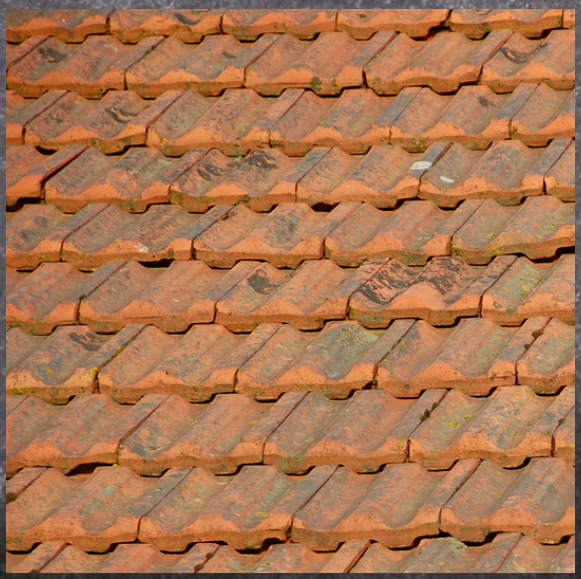


ALLROOF

Dekro Allroof is a superior quality adhesion promoted pure acrylic emulsion roof paint which dries to a satin finish.

Recommended coating for galvanised iron, asbestos/fibre cement, and cement tiles. Outstanding adhesion, alkali resistance, water- and weather resistance. Contains a dry film additive to prevent the growth of fungi and algae. Resistant to acid rain. Fast drying and overcoating properties. Low odour. Excellent colour fastness.





Problem Solving

BLACK MOULD FUNGAL OR ALGAE CONTAMINATION

Description

Black, grey or brown areas of fungus growth on the surface of the coating. Can also include red, yellow and green algae.

Possible diagnosis

- Damp areas receiving little or no sunlight are susceptible to mold.
- Painting over an area that has had mold.
- Low-quality paint containing no or low levels of in-can biocides.
- Re-using opened containers that have received contamination from application transfer and/or storage conditions.

Remedy

- Determine if the contaminant is dirt or mildew by applying a few drops of household bleach, if the discoloured areas disappear, it is most likely mold.
- Remove the source of moisture by sealing the leak source or ventilation.
- Apply biocide/sterilizer Dekro Hyrdrowash Antifungal. Then scrub and rinse thoroughly.
- Recoat with paint that is protected with dry film biocide like Dekro Allroof.



ALL IN ONE WATERPROOFING

Painter's Pal All in One Waterproofing is an PU Acrylic Polyurethane Dispersion with a slight sheen for waterproofing of roofs, parapets and wall surfaces.

Painter's Pal All-in-one Waterproofing forms a thick, monolithic (seamless), fully-adhered elastomeric film when applied on top of flat roof systems that provides: • protective properties; • energy management properties; • appearance properties; • solutions for many roofing systems; • seamless with no potential leaks in joints or welds; • simple application procedure; • higher quality types resist impact damage and foot traffic; • excellent to refurbish existing roofs without replacing them; • good solution for small and complicated roofs; • very good mechanical properties in broad temperature range; • low temperature flexibility at -20°C; • high tensile strength and elongation at >20°C; •

Problem Solving

SNAIL TRAIL

Description

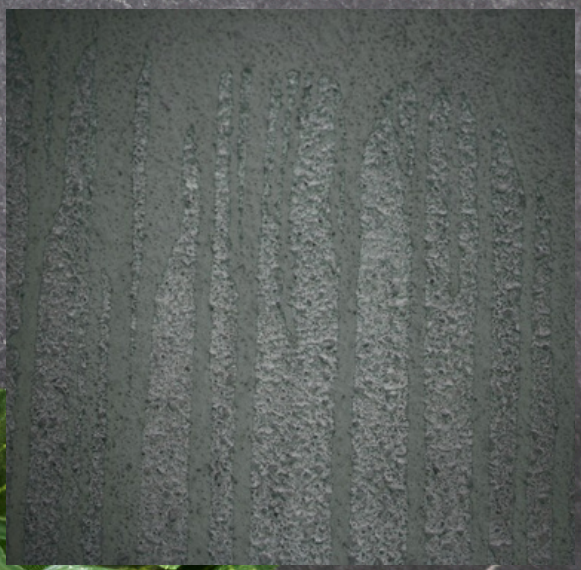
Vertical shiny, sometimes sticky streaks in predominantly matt coatings. Streaks generally start to emanate from flat top walls or parapet (low protective walls along the edge of a roof, bridge, or balcony) walls. Streaks are generally randomly spaced and follow gravitational direction. Not to be confused with dirt streaks.

Possible diagnosis

- Rain has impinged on the paint film that has not fully dried/coalesced.
- This could have occurred within the first 2 – 24 hours (in coastal regions) depending on the humidity and dampness experienced during the time of painting. The water has subsequently washed away water soluble paint components.

Prevention and Remedy

- Do not paint under adverse weather conditions.
- Normally the trails weather away within the first 3-6 months or are washed from the film after 2-3 rains.
- Alternatively recoat, taking care to consider touch-up batch variation and difference in application technique.



TIMBERTEK

Dekro Timbertek is a single pack siliconised permeable varnish, dries to a semi-gloss, flexible coating.

In South Africa, with its harsh climate of high/low temperatures, hot/dry climate and high levels of UV, varnishes on exterior timber have never been successful. Normal wood coatings form a non-permeable hard coating which cracks due to expansion and contraction and will not allow the wood to breathe. Timbertek has been formulated on a special siliconised alkyd resin which gives high UV resistance, excellent non-chalking exterior weatherbility but also, due to its unique formula, allows the coating great permeability properties which allows the film to breath and let out moisture but not allow water in. Timbertek also contains special pigments to absorb harsh UV rays giving long lasting rich colours, which assist in protecting the wood.





Problem Solving

FLAKING

Description
Paint lifting and flaking from wood in exterior applications. Signs of grey, weathered wood at exposed areas.

Possible diagnosis
- Natural weathering and a lack of periodic maintenance.
- Moisture ingress from untreated or sealed timber ends/edges.
- The lack of a specialized wood primer.
- Painting over decayed wood without proper surface preparation.
- Using improper coating system without the necessary flexibility required for expanding and contracting wood substrates.
- Fresh timber having initial high moisture content shrinks.

Remedy
- Remove coating and grey weathered wood surface.
- Recoat with specialized Dekro wood coating as per instructions.
- Make sure to seal exposed edges/ends.



RUSTRITE

Rust-Rite All-in-1 Metal Coating is a decorative treatment for metal that treats rust and transforms any rough rusted metal surface into a smooth, tough, high gloss finish without the need for a primer or undercoat.

Rust Rite can be applied directly on new and rusted steel/metal, with no need of a primer or undercoat. Can also be applied on Galvanized, Stainless Steel and Aluminium surfaces.
ALL IN 1 METAL COATING
Direct to Rust
* No primer
* No undercoat
* No rust

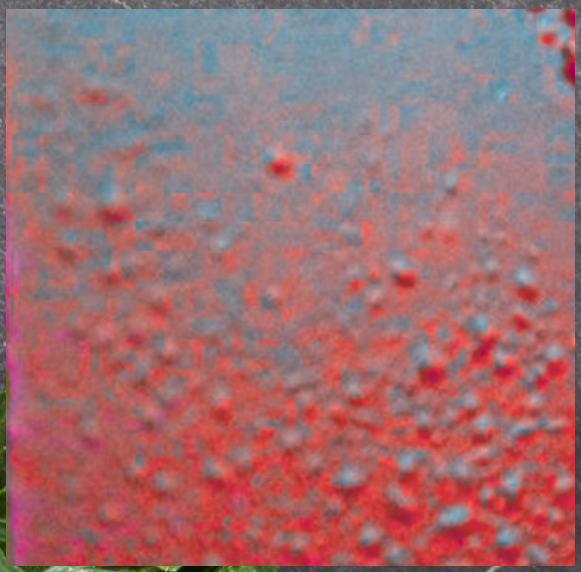
Problem Solving

CORROSION BLISTERS

Description
Fine blisters result in lifting and loss of adhesion from the substrate. Corrosion residues such as rust are often present inside the blister.

Possible diagnosis
- Absence of a corrosion resistant primer under a topcoat.
- Insufficient coating system thickness.
- Failure to remove contaminants i.e. rust, salts, chlorides, oil, and dirt prior to painting.
- Applying a coating system not suited to corrosive conditions. Corrosion-resistant coatings are generally less permeable, contain functional pigments and possess excellent adhesion and flow properties.

Remedy
- Remove defective paint.
- Remove rust and contaminants from the metal substrate.
- Select an appropriate coating for the substrate type and exposure conditions.
- Ensure that surface finish/texture is as per coating system requirements.
- Recoat surface in the prescribed time and during the correct weather conditions.



Atlantic Beach Estate

Within easy reach of the cosmopolitan hub of Cape Town, Atlantic Beach Estate offers residents a lifestyle that includes access to an 18-hole links style golf course, a Leisure Centre with a swimming pool, tennis courts, braai facilities, and a professionally run Fitness Centre. Some of Cape Town's most popular beaches and surfing destinations are situated in close proximity of the Estate



Case Study

Roofs are painted with Acri 700 to provide a marine coat protection finish for properties so close to the ocean



Timbertek is a superior coating to complete maintenance in very harsh atmospheric conditions

Xterior Guard is the preferred coaitng where ultimate masonry protection is required. It provides a flexible, durable film finish for coastal properties

For ease of reference and colour consistency Dekro Paints provided a colour board at facility management on site where home owners can choose colours from. We also have a dedicated technical sales representative that provides a turn key service with recommendations and product advice.

Devonvale Golf Estate

Located just 5 minutes outside the picturesque Stellenbosch, Devonvale is surrounded by rolling vineyards and majestic mountains. Here you will find a true jewel nestled in the Bottelary Valley, in the heart of the Cape Winelands.



Case Study

Pure Velvet because of the low odour and green technology is preferred by most home owners within the estate

Timbertek is a superior coating to complete maintenance in very harsh atmospheric conditions



Super Fibretex is the preferred low sheen acrylic emulsion coating for Devonvale Estate. The low dirt retentiion and flexibility makes it ideal for the winelands area

For ease of reference and colour consistency Dekro Paints provided a colour board at facility management on site where home owners can choose colours from. We also have a dedicated technical sales representative that provides a turn key service with recommendations and product advice.

Boschenmeer Estate

Within easy reach of the cosmopolitan hub of Cape Town, Atlantic Beach Estate offers residents a lifestyle that includes access to an 18-hole links style golf course, a Leisure Centre with a swimming pool, tennis courts, braai facilities, and a professionally run Fitness Centre. Some of Cape Town's most popular beaches and surfing destinations are situated in close proximity of the Estate



Case Study

The metal structures on the estate is coated with Rustrite Smooth Black to provide optimum corrosion protection and prolong maintenance cycles



Super Fibretex is the preferred low sheen acrylic emulsion coating for Boschenmeer Estate. The low dirt retentiion and flexibility makes it ideal for the winelands area

Roadmarking maintenance is completed with ease using Dekro Traffic Paint (SABS certified)

For ease of reference and colour consistency Dekro Paints provided a colour board at facility management on site where home owners can choose colours from. We also have a dedicated technical sales representative that provides a turn key service with recommendations and product advice.

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