DEKRO
PAINTS

Complete Guide To Your

Wine Industry

Friendly Coatings



PROUDLY SOUTH AFRICAN

SABS
ISO 9001

Dekro brings Cellars to Life

Introduction to Environmentally Friendly Solutions

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.



The "Dekro Daisy" is Dekro's way of informing their clients and the market that the product they are buying is green and free of harmful substances.

**zero means less than 2gm/lt as per regulatory standards*

Introduction to Organohalogen Free Solutions

Dekro's Organohalogen free solutions take the headache out of wine cellar maintenance. The major organohalogens (organic compounds containing chlorine, bromine or iodine) of interest to the food industry are the halophenols and haloanisoles.

Our coatings are regularly tested for releasable concentrations of organohalogens that can contribute to "cork-taint" and related o -flavours in wineries and wine.

The atmospheric analysis released by these products revealed NO or very low levels of organohalogens (ANISOLES & PHENOLS). In cases where the levels are very low, it is compared with sensory thresholds. These include the organochlorides and organobromine compounds and is therefore safe for use in a wine cellar or storage facility in this regard.

Importance of Wine Industry Friendly Coatings

Cork taint is a broad term referring to a wine fault characterised by a set of undesirable smells or tastes found in a bottle of wine, especially spoilage that can be detected after bottling, aging and opening. Though modern studies have shown that other factors can also be responsible for taint - including wooden barrels, storage conditions and the transport of corks and wine - the cork stopper is normally considered to be responsible, and a wine found to be tainted on opening is said to be "corked" or "corky". Cork taint can a ect wines irrespective of price and quality level.

The chief cause of cork taint is the presence of the chemical compounds 2, 4, 6-trichloroanisole (TCA) or 2, 4, 6-tribromoanisole (TBA) in the wine, which in many cases will have been transferred through the cork rather than from it. TCA is a compound which does not occur naturally. It is created when some fungi are treated with chlorinated phenolic compounds, which are a type of antimicrobial agent used in the processing of wood and paint.

Dekro Paints have a wide variety of Acrylic, Enamel, Epoxy and Polyurethane coatings suited for the redecoration of the wine industry and can be coated on various substrates including walls, isoclad, steel, wood and concrete.



Specification Guide

PleasecontactaDekroRepresentativefortechnicaladvicebefore painting.



Brush application
Always use high quality brushes to achieve a good finish.

Roller application
The correct type of roller should be used when applying the paint to any surface. You would, for example, not use a woollen roller with chlorinated rubber paint. The correct type of roller to use will be a synthetic roller.

Spray application
Spraying paint can be carried out by means of conventional type cup guns, pressure pot or airless spray. Certain types of equipment will not suit the material being applied and you are requested to refer to the manufacturer for advice. The correct thinners must be used with the relevant coating.







Previously coated surfaces

It must be noted that all loose paint and any other contamination are to be removed by grit blasting, H.P. Washing and scraping, and then washing down with fresh water. The surface must then dry before the application of paint.

Grease and oils are to be completely removed with a suitable specified detergent.

For steel: wire brush corroded areas, preferably by means of a mechanical rotating wire brush, to leave the surface to standard ST 2-3 (ISO 8501-1).

Abrading by disc grinding is also recommended.

Ensure that the proposed new paint system is compatible with the previous system and/or type of paint.

Fading and chalking will take place approximately 5% per year as per Florida standards. This however will not a ect substrate protection.



Cellars / Wine Production Areas

FLOORS



Please contact a Dekro Representative before commencing with any flooring repairs

REPAIR SPECIFICATION

General Concrete Preparation

All surfaces must be clean & mechanically sound and free of oil, dirt & dust. Concrete and cement screeds to preferably have a wood float finish, with a minimum compressive strength of 25mPa. Abrasive blast, diamond grind or acid etch to remove laitance.

PAINT SPECIFICATION

Please contact a Dekro Representative for a paint specification.

COATING OPTIONS

Overcoating floors with existing coating:

Tu coat | Dekster 504 Surface Tolerant Epoxy | Please refer to Technical Data Sheet

Flooring Products:

Acri 700 | Dekster 112 Acrithane | Adthane | Dekster 111 Self Leveling Epoxy
Dekster 504 Surface Tolerant Epoxy | Epoxy Mortar | Hydrolock Primer | Tu coat | Water-based Epoxy Enamel | Please refer to Technical Data Sheet

WALLS



PLASTER WALLS *(Bare)*

Preparation

Cut out all cracks and imperfections. Wash all fungi infested areas and cracks with Dekro Biowash and leave for 24 hours to react. This will kill spores and limit fungal growth. Rinse with clean water and allow drying. Apply one coat of Dekro Masonry Primer to all cut out cracks and imperfections and allow drying for ± 8 hours. Fill all cracks and imperfections with Painter's Pal Skimfill and sand smooth when dry. Feather all edges by sanding with suitable sandpaper and dust off.

Application

Apply two coats Mediflex, allowing ± 4 – 6 hours drying time between coats.

PLASTER WALLS *(Previously Painted)*

Preparation

Remove all loose and flaking paint by scraping and sanding. Cut out all cracks and imperfections. Wash all fungi infested areas and cracks with Dekro Biowash and leave for 24 hours to react. This will kill spores and limit fungal growth. Rinse with clean water and allow drying. Apply one coat of Dekro Masonry Primer to all cut out cracks and imperfections and allow drying for ± 8 hours. Fill all cracks and imperfections with Painter's Pal Skimfill and sand smooth when dry. Feather all edges by sanding with a suitable sandpaper and dust off.

Application

Apply two coats Mediflex, allowing ± 4 – 6 hours drying time between coats.

ISOCLAD WALLS

Preparation

Wash all fungi infested areas and cracks with Dekro Biowash and leave for 24 hours to react. This will kill spores and limit fungal growth. Rinse with clean water and allow drying.

Application

Apply one coat Hydrolock Primer and allow 2-3 hours drying time. Apply two coats Hydromed Gloss / Acri 700, allowing ± 4 – 6 hours drying time between coats.

CEILINGS



PLASTER CEILINGS *(Bare)*

Preparation

Cut out all cracks and imperfections. Wash all fungi infested areas and cracks with Dekro Biowash and leave for 24 hours to react. This will kill spores and limit fungal growth. Rinse with clean water and allow drying. Apply one coat of Dekro Masonry Primer to all cut out cracks and imperfections and allow drying for ± 8 hours. Fill all cracks and imperfections with Painter's Pal Skimfill and sand smooth when dry. Feather all edges by sanding with suitable sandpaper and dust off.

Application

Apply one coat Dekro Masonry Primer and allow 2-3 hours drying time (Full Prime). Apply two coats Hydromed Matt/Hydrocide or Hydromed Gloss, allowing ± 4 – 6 hours drying time between coats.

ISOCLAD CEILINGS

Preparation

Wash all fungi infested areas and cracks with Dekro Biowash and leave for 24 hours to react. This will kill spores and limit fungal growth. Rinse with clean water and allow drying.

Application

Apply one coat Hydrolock Primer and allow 2-3 hours drying time. Apply two coats Hydromed Gloss or Hydrocide, allowing ± 4 – 6 hours drying time between coats.

PLASTER CEILINGS *(Previously Painted)*

Preparation

Remove all loose and flaking paint by scraping and sanding. Cut out all cracks and imperfections. Wash all fungi infested areas and cracks with Dekro Biowash and leave for 24 hours to react. This will kill spores and limit fungal growth. Rinse with clean water and allow drying. Apply one coat of Dekro Masonry Primer to all cut out cracks and imperfections and allow drying for ± 8 hours. Fill all cracks and imperfections with Painter's Pal Skimfill and sand smooth when dry. Feather all edges by sanding with suitable sandpaper and dust off.

Application

Apply one coat Dekro Masonry Primer and allow to dry for ± 6 hours (Full Prime). Apply two coats Hydromed Gloss/Hydrocide or Hydromed Matt, allowing ± 4 – 6 hours drying time between coats.

ASBESTOS CEILINGS *(Bare)*

Preparation

Wash all fungi infested areas and cracks with Dekro Biowash and leave for 24 hours to react. This will kill spores and limit fungal growth. Rinse with clean water and allow drying.

Application

Apply one coat Dekro Masonry Primer and allow 2-3 hours drying time (Full Prime).

Apply two coats Hydrocide and allow +/- 4 to 6 hours drying time

Always adhere to the ASBESTOS ABATEMENT REGULATIONS 2020. Published under Government Notice R1196 in GG 43893 of 10 November 2020

Reception / Tasting Rooms

FLOORS



Please contact a Dekro Representative before commencing with any flooring repairs

REPAIR SPECIFICATION

General Concrete Preparation

All surfaces must be clean & mechanically sound and free of oil, dirt & dust. Concrete and cement screeds to preferably have a wood float finish, with a minimum compressive strength of 25mPa. Abrasive blast, diamond grind or acid etch to remove laitance.

PAINT SPECIFICATION

Please contact a Dekro Representative for a paint specification.

COATING OPTIONS

Overcoating floors with existing coating:

Tu coat | Dekster 504 Surface Tolerant Epoxy | Please refer to Technical Data Sheet

Flooring Products:

Acri 700 | Dekster 112 Acrithane | Adthane | Dekster 111 Self Leveling Epoxy
Dekster 504 Surface Tolerant Epoxy | Epoxy Mortar | Hydrolock Primer | Tu coat | Water-based Epoxy Enamel | Please refer to Technical Data Sheet

WALLS



PLASTER WALLS *(Bare)*

Preparation

Cut out all cracks and imperfections. Wash all fungi infested areas and cracks with Dekro Biowash and leave for 24 hours to react. This will kill spores and limit fungal growth. Rinse with clean water and allow drying. Apply one coat of Dekro Masonry and Plaster Primer to all cut out cracks and imperfections and allow drying for ± 8 hours. Fill all cracks and imperfections with a Painter's Pal Skimfill and sand smooth when dry. Feather all edges by sanding with suitable sandpaper and dust o .

Application

Apply one coat of Dekro Plaster and Masonry Primer and allow 8 hours drying time. Apply two coats Hydrosilk / Pure Velvet or Pure Matt Acrylic, allowing ± 4 – 6 hours drying time between coats.

PLASTER WALLS *(Previously Painted)*

Preparation

Cut out all cracks and imperfections. Wash all fungi infested areas and cracks with Dekro Biowash and leave for 24 hours to react. This will kill spores and limit fungal growth. Rinse with clean water and allow drying. Apply one coat of Dekro Masonry and Plaster Primer to all cut out cracks and imperfections and allow drying for ± 8 hours. Fill all cracks and imperfections with Painter's Pal Skimfill and sand smooth when dry. Feather all edges by sanding with suitable sandpaper and dust off.

Application

Apply one coat of Dekro Plaster and Masonry Primer (Full Prime) and allow 8 hours drying time. Apply two coats Hydrosilk / Pure Velvet or Pure Matt Acrylic, allowing ± 4 – 6 hours drying time between coats.

CEILINGS



PLASTER CEILINGS *(Bare)*

Preparation

Cut out all cracks and imperfections. Wash all fungi infested areas and cracks with Dekro Biowash and leave for 24 hours to react. This will kill spores and limit fungal growth. Rinse with clean water and allow drying. Apply one coat of Dekro Masonry and Plaster Primer to all cut out cracks and imperfections and allow drying for ± 8 hours. Fill all cracks and imperfections with Painter's Pal Skimfill and sand smooth when dry. Feather all edges by sanding with suitable sandpaper and dust o .

Application

Apply one coat of Dekro Plaster and Masonry Primer and allow 8 hours drying time. Apply two coats Hydrocide or Pure Matt Acrylic, allowing ± 4 – 6 hours drying time between coats.

PLASTER CEILINGS *(Previously Painted)*

Preparation

Cut out all cracks and imperfections. Wash all fungi infested areas and cracks with Dekro Biowash and leave for 24 hours to react. This will kill spores and limit fungal growth. Rinse with clean water and allow drying. Remove all loose and flaking paint by scraping and sanding. Apply one coat of Dekro Masonry and Plaster Primer to all cut out cracks and imperfections and allow drying for ± 8 hours. Fill all cracks and imperfections with Painter's Pal Skimfill and sand smooth when dry. Feather all edges by sanding with suitable sandpaper and dust o .

Application

Apply one coat of Dekro Plaster and Masonry Primer and allow 8 hours drying time. Apply two coats Hydrocide or Pure Matt Acrylic, allowing ± 4 – 6 hours drying time between coats.

DEMARCATION



Preparation

Remove all loose and flaking paint, dust and dirt by hydroblasting.

Application

Apply two coats of Acri700 Paint allowing 24 hours drying time between coats.

Cold Storage

FLOORS



Please contact a Dekro Representative before commencing with any flooring repairs

REPAIR SPECIFICATION

General Concrete Preparation

All surfaces must be clean & mechanically sound and free of oil, dirt & dust. Concrete and cement screeds to preferably have a wood float finish, with a minimum compressive strength of 25mPa. Abrasive blast, diamond grind or acid etch to remove laitance.

PAINT SPECIFICATION

Please contact a Dekro Representative for a paint specification.

COATING OPTIONS

Overcoating floors with existing coating:

Tu coat | Dekster 504 Surface Tolerant Epoxy | Please refer to Technical Data Sheet

Flooring Products:

Acri 700 | Dekster 112 Acrithane | Adthane | Dekster 111 Self Leveling Epoxy
Dekster 504 Surface Tolerant Epoxy | Epoxy Mortar | Hydrolock Primer | Tu coat | Water-based Epoxy Enamel | Please refer to Technical Data Sheet

WALLS



PLASTER WALLS *(Bare)*

Preparation

Cut out all cracks and imperfections. Wash all fungi infested areas and cracks with Dekro Biowash and leave for 24 hours to react. This will kill spores and limit fungal growth. Rinse with clean water and allow drying. Apply one coat of Dekro Masonry and Plaster Primer to all cut out cracks and imperfections and allow drying for ± 8 hours. Fill all cracks and imperfections with Painter's Pal Skimfill and sand smooth when dry. Feather all edges by sanding with suitable sandpaper and dust o .

Application

Apply one coat of Hydrolock Primer and allow 2-3 hours drying time.
pply two coats Hydromed Gloss, allowing ± 24 hours drying time between coats.

PLASTER WALLS *(Previously Painted)*

Preparation

Cut out all cracks and imperfections. Wash all fungi infested areas and cracks with Dekro Biowash and leave for 24 hours to react. This will kill spores and limit fungal growth. Rinse with clean water and allow drying. Remove all loose and flaking paint by scraping and sanding. Apply one coat of Dekro Masonry and Plaster Primer to all cut out cracks and imperfections and allow drying for ± 8 hours. Fill all cracks and imperfections with Painter's Pal Skimfill and sand smooth when dry. Feather all edges by sanding with suitable sandpaper and dust o .

Application

Apply one coat of Hydrolock Primer and allow 2-3 hours drying time. Apply two coats Hydromed Gloss, allowing ± 4 – 6 hours drying time between coats.

ISOCLAD WALLS

Preparation

Wash all fungi infested areas and cracks with Dekro Biowash and leave for 24 hours to react. This will kill spores and limit fungal growth. Rinse with clean water and allow drying.

Application

Apply one coat of Hydrolock Primer and allow 2-3 hours drying time. Apply two coats Hydromed Gloss, allowing ± 4 – 6 hours drying time between coats.

CEILINGS



PLASTER CEILINGS *(Bare)*

Preparation

Cut out all cracks and imperfections. Wash all fungi infested areas and cracks with Dekro Biowash and leave for 24 hours to react. This will kill spores and limit fungal growth. Rinse with clean water and allow drying. Apply one coat of Dekro Masonry and Plaster Primer to all cut out cracks and imperfections and allow drying for ± 8 hours. Fill all cracks and imperfections with Painter's Pal Skimfill and sand smooth when dry. Feather all edges by sanding with suitable sandpaper and dust o .

Application

Apply one coat of Dekro Masonry and Plaster Primer (Full Prime), and allow 4 hours drying time. Apply two coats Hydromed Gloss, allowing ± 4-6 hours drying time between coats.

PLASTER CEILINGS *(Previously Painted)*

Preparation

Cut out all cracks and imperfections. Wash all fungi infested areas and cracks with Dekro Biowash and leave for 24 hours to react. This will kill spores and limit fungal growth. Rinse with clean water and allow drying. Remove all loose and flaking paint by scraping and sanding. Apply one coat of Dekro Masonry and Plaster Primer to all cut out cracks and imperfections and allow drying for ± 8 hours. Fill all cracks and imperfections with Painter's Pal Skimfill and sand smooth when dry. Feather all edges by sanding with suitable sandpaper and dust o .

Application

Apply one coat of Hydrolock Primer and allow 2-3 hours drying time. Apply two coats Hydromed Gloss, allowing ± 4 – 6 hours drying time between coats.

ISOCLAD CEILINGS

Preparation

Wash all fungi infested areas and cracks with Dekro Biowash and leave for 24 hours to react. This will kill spores and limit fungal growth. Rinse with clean water and allow drying.

Application

Apply one coat of Hydrolock Primer and allow 2-3 hours drying time. Apply two coats Hydromed Gloss, allowing ± 4 – 6 hours drying time between coats.

Tank coatings

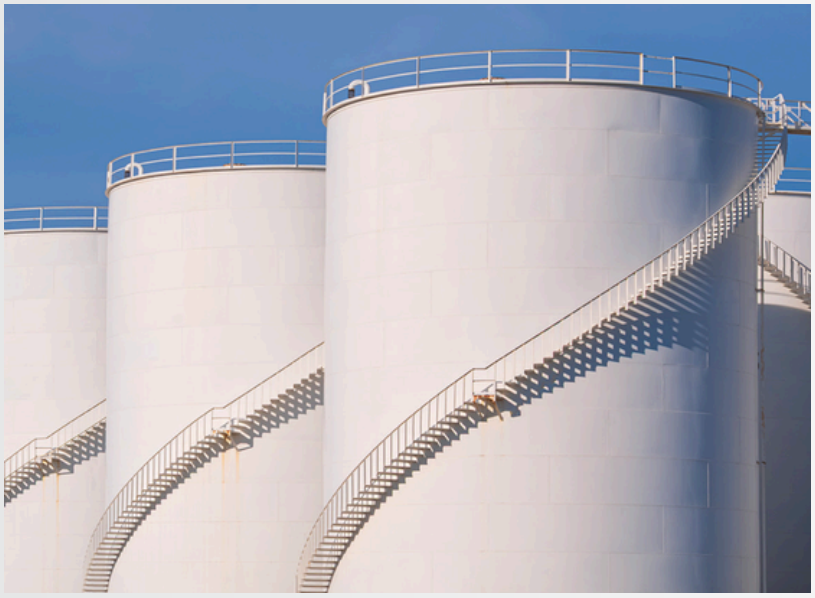
EXTERNAL COATINGS



METAL TANKS

Preparation
Remove all visible rust and friable material by mechanical means to ST-2. Abrade the entire surface to provide a key for subsequent coatings.

Application
Apply one coat Tu coat and allow 16 hours drying time. Apply two coats Adthane, allowing 8 hours drying time between coats.



CONCRETE TANKS

(PreviouslycoatedwithEpoxy Coatings)

Preparation
Remove all defective and friable coatings by high-pressure washing. Allow surface to dry thoroughly. Abrade the entire surface to provide a key for subsequent coatings.

Application
Apply two coats Adthane, allowing 8 hours drying time between coats.



FIBREGLASS TANKS

(ExternalCoating)

Preparation
Remove all defective and friable coatings by high-pressure washing. Allow surface to dry thoroughly. Repair all defective fibreglass with fibreglass remat and resin. Abrade the entire surface to provide a key for subsequent coatings.

Application
Apply on coat Hydrolock Primer and allow 2-3 hours drying time. Apply two coats Hydromed Gloss, allowing 8 hours drying time between coats.

Exterior / Outbuildings

EXTERNAL COATINGS



ASBESTOS ROOF TILES (RAW)

Preparation

Apply one coat of Dekro Hydrowash Fungicidal and leave for 24 hours to react to kill all spores. Remove all dust, dirt, fungi growth, loose and friable paint and any other surface contamination. Rinse with fresh water and allow to dry.

Application

Apply first coats of Dekro Allroof (thinned 10%-15% with water) and allow to dry for 4 – 6 hours. Apply second coat of Dekro Allroof.



CEMENT ROOF TILES

Preparation

Remove all dust, dirt, fungi growth and any other surface contamination by hydroblasting. Apply one coat of Dekro Hydrowash Fungicidal and leave for 24 hours to react to kill all spores. Rinse with fresh water and allow to dry.

Application

Apply first coats of Dekro Allroof (thinned 10%-15% with water) and allow to dry for 4 – 6 hours. Apply second coat of Dekro Allroof.

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GALVANIZED METAL ROOFS

Preparation

Remove all loose and powdery paint, dust, dirt, fungi growth and any other surface contamination by hydroblasting. Apply one coat of Dekro Hydrowash Fungicidal and leave for 24 hours to react to kill all spores. Rinse with fresh water and allow to dry.

Application

Apply one coat of Hydrobond 44 or Vasbyt and allow to dry for 6-8 hours. Apply two coats of Dekro Allroof allowing 4-6 hours drying time between coats.



IBR METAL ROOFS

Preparation

First remove all loose and powdery paint, dust, dirt, fungi growth and any other surface contamination by hydroblasting. Apply one coat of Dekro Hydrowash Fungicidal and leave for 24 hours to react to kill all spores. Rinse with fresh water and allow to dry.

Application

Apply one coat of Dekro Wash Primer and allow to dry 2 - 3 hours. Areas must be overcoated within 24 hours to prevent loss in adhesion.

Apply two coats of Allroof or Solardek and allow +/- 4 to 6 hours drying time between coats.

Exterior /
Outbuildings

Metal

EXTERNAL



PAINTED METAL SURFACES

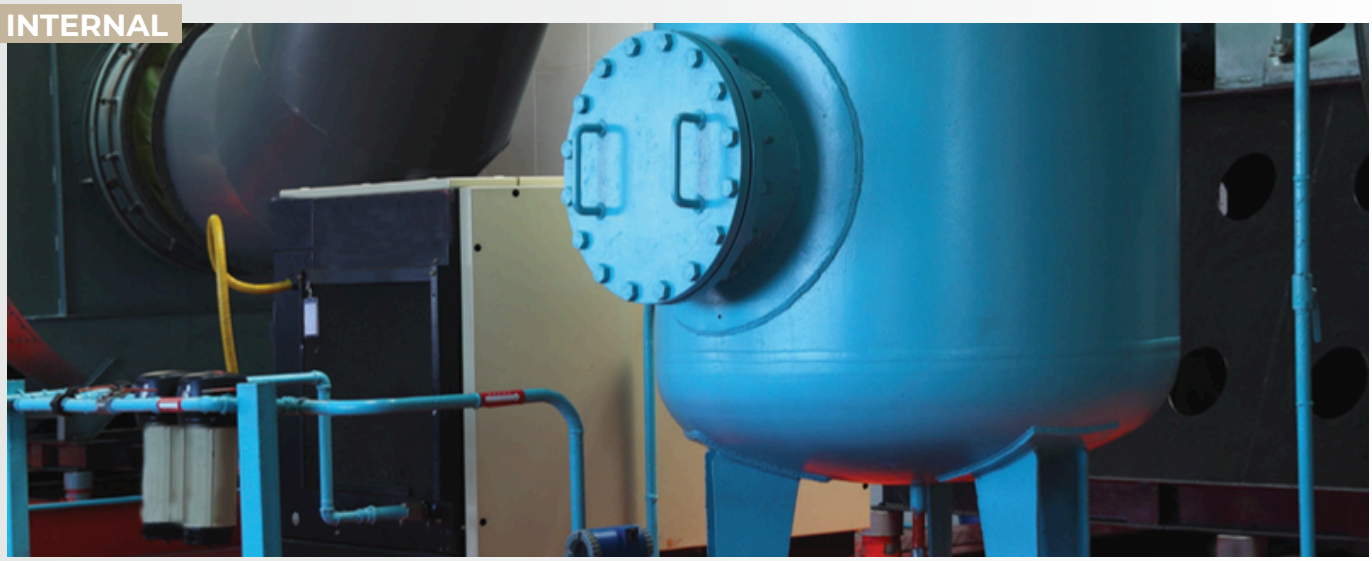
Preparation

Remove all loose and flaking paint by scraping and sanding. Remove all visible rust by sanding back to bare metal. Sand the entire surface to obtain a suitable key for subsequent paint coatings. Wipe with a wet rag to remove all dust, dirt and any other surface contamination. Allow to dry.

Application

Apply one coat of Dekro Hydrobond 44 Primer to all bare metal areas (spot prime) and allow to dry for ± 6 – 8hours. Apply two coats Dekro Non Drip Enamel, allowing ± 4-6 hours drying time between coats.

INTERNAL



PAINTED METAL SURFACES

Preparation

Sand the entire surface to provide a key for subsequent paint coatings. Remove all visible rust by sanding back to bare metal. Remove all loose and flaking paint by scraping and sanding. Wash with a sugar soap solution to remove all dust, dirt and any other surface contamination. Rinse with clean water and allow to dry.

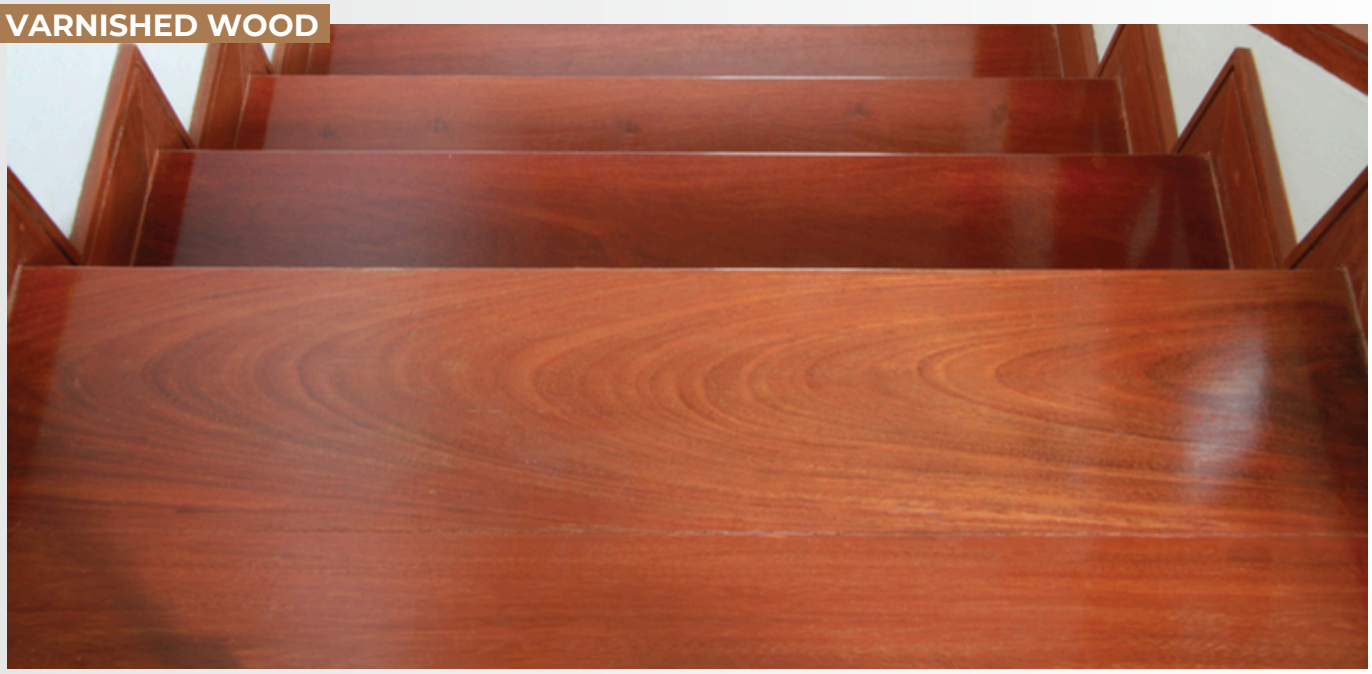
Application

Apply one coat of Dekro Hydrobond 44 Primer to all bare metal areas (spot prime) and allow to dry for ± 6 – 8hours. Apply two coats Acri 700, allowing ± 24 hours drying time between coats.



Woodwork

VARNISHED WOOD



Preparation
Wash with a sugar soap solution to remove all waxes, dust, dirt and any other surface contamination. Rinse with clean water and allow to dry. Sand to provide a key for subsequent paint coats. Dust o .

Application
Apply two coats Epicon Clear or Adthane varnish. Allow ± 8 hours drying time between coats.

PAINTED WOOD



Preparation
Remove all loose and flaking paint by scraping and sanding. Wash with a sugar soap solution to remove all dust, dirt and any other surface contamination. Rinse with clean water and allow to dry. Sand the entire surface to provide a key for subsequent paint coats and to feather all edges. Dust o .

Application
Apply two coats Mediflex and allow ± 4-6 hours drying time between coats.



Product Guide



ACRI 700 (Floor Paint) is an Acrylic/ Chlorinated Rubber Paint o ering excellent resistance to weathering and abrasion. Dekro Acri 700 (Floor Paint) can be applied directly onto any previously painted floor surface if correct preparation is completed. Suitable for metal, masonry and concrete surfaces where chemical resistance is required.



Adthane Enamel is a Polyurethane (Twin Pack) coating. Adthane Enamel, because of its outstanding properties, can be applied to a wide variety of substrata – plaster, polyester, wood, metals and plastics, after correct priming, where outstanding performance is required. It is recommended for the following – boats, furniture, aircraft, vehicles, chemical plants and appliances. Adthane has the following excellent properties – adhesion, flexibility, hardness, gloss retention, nonyellowing and durability. It is also resistant to detergents, chemicals, solvents, lubricants, fuel oil and high-octane fuels. Suitable for metal, wood and concrete surfaces where chemical resistance is required.



Allroof is a 100% pure acrylic emulsion. Recommended coating for galvanised iron, asbestos/fibre cement, and cement tiles. Outstanding adhesion, alkali resistance, water- and weather resistance.



Dekro Super Paint Stripper
Dekro Paint Stripper is a Methylene chloride, balanced blend of surfactants and solvents, paint remover. Dekro Paint Stripper is non-flammable. It has low wax content, designed to slow down evaporation so the chemicals have more time to eat through multiple layers of paint. Waxes and deposits are easily removed with water.



Dekster 101 Epoxy Penetrating Primer is designed to be absorbed by marbelite or cement, to bind to the substrate and to act as a chemical key and to bond with subsequent coats. It is an integral part of most epoxy floor coating systems.



Dekster 102 Moisture Displacing Epoxy Primer is a low viscosity hydrophobic epoxy resin for the lining of steel, concrete, fiberglass, wood, asbestos cement, ceramic tiles and most other building materials. It cures under cold, damp conditions. Often used as a primer for polyurethane, polyester & epoxy linings on damp or green concrete.



Dekster 504 Surface Tolerant Epoxy is an epoxy coating, filled with micro glass flakes, designed to protect surfaces with minimum preparation. It is a primer and top coat in one, also used to protect concrete and often used as a heavy duty floor coating.



Dekster 112 Acrithane based on a twin pack polyurethane/acrylic resin, has been specially designed as a durable topcoat for exterior and interior use. It has excellent gloss retention, durability and chemical resistance. A durable final coat for floors, patios, fascias, steel cladding and roofs, structural steel, marine and industrial. Also bonds well to glass.



Dekster 204 Epoxy Putty Lite is a lightweight, non-slumping epoxy / polyamide paste designed to adhere to damp surfaces and can be smoothed with water. Trowelled finish for insulation and suitable for tank interiors, pitting corrosion & hull repairs. For bonding of steel, glass, concrete, fibreglass, wood, asbestos cement, ceramic tiles and most other building materials.



Dekster 700 Heavy Duty Degreaser is a concentrated heavy duty degreaser for the removal of oil and grease build up, also suitable for the safe and e cient removal of fungi, algae and mould growths from any surface.



Epicon T-800 is a high-build type phenolic epoxy coating, has excellent physical properties such as adhesion, toughness, abrasion resistance, etc. as well as chemical resistance to salt-water, fresh water, petroleum products, crude oil, alkalis and weak acids. It is suitable as a protective coating for tank interiors. Airless spray can build a dry film thickness of 75 – 125 microns per coat.



Epicon Clear based on a combination of epoxy resin and polyamide curing agent, has high-build excellent durability and adhesion properties. It is a suitable system for the external hulls and decks of steel ships, bridges and other steel structures. Suitable for metal and concrete surfaces where good durability is required. Can be used as a varnish for wooden doors when adequately thinned with Epoxy Thinners.

Product Guide



Epoxy Mortar is a heavy-duty repair and screeding system for hard wearing areas.



Hydrobond 44 is a water based anti-corrosive and rust-inhibiting coating. It provides excellent protection for iron and other metal surfaces in corrosive-industrial environments. It also assists in inhibiting or preventing corrosion, under rusting and rust-creep and is easily applied onto inaccessible areas, where maximum preparation is not possible.



Hydrocide has excellent adhesion and alkali resistance, and the presence of biocide makes it effectively resistant to mould growth and bacteria. It is recommended where mould and fungi are present, such as in the food industry, breweries and wineries. It is also used in the building industry on fair-face or bagged walls, where it will prevent most stains caused by water-soluble salts deposited on the surface as the walls dry out. It is very effective on areas such as ceilings to prevent nail-head staining.



Hydrolock Primer is a rapid-curing, water-based primer consisting of two components: a pre-reacted epoxy resin dispersed in water (Part A) and a waterborne modified polyamine solution (Part B). In its wet mixed state, it is off-white and dries to a clear finish.

Hydrolock Primer is suitable for use on most sound and eroded building surfaces where both a penetrative and bonding effect is needed. Substrates include concrete (including damp and partially cured cementitious renders, screeds and mortars), bituminous surfaces (e.g. asphalt), roofing felts, insulation foams, wooden protrusions, previously painted surfaces, glass-reinforced polyester, and waterproofing membranes prior to re-coating. The product's rapid curing properties allow faster contract completion and consequent savings on site and labour costs.





Hydromed Gloss is a tough, flexible, water-based acrylic coating which provides the ultimate safeguard against the growth of micro-organisms such as bacteria, mould (fungus) and yeasts. Sterility is achieved by the incorporation of a permanently effective, non-leaching protective system which is free from heavy metal complexes, phenols and other toxic elements. Hydromed Gloss cures to form a pleasing, semi-gloss decorative skin that responds to thermal and structural movement without the flaking and cracking associated with conventional paint. It also resists damage from blistering and loss of adhesion on damp substrates because of its vapour-permeable structure, which permits the escape of substrate moisture. Special flow characteristics facilitate a high-build, impact-resistant finish whilst minimising the number of coats required.

Hydromed Gloss is ideal for use on ceilings and both internal and external walls. It can also be applied to vessels, tanks and associated equipment, and where positive pressure is essential, such as fruit storage facilities, hospitals, wine cellars and food manufacturing plants. It produces a hard-wearing coating that will tolerate harsh cleaning agents and other chemicals and allows building owners to comply with even the most stringent hygiene-related legislation.



Hydromed Matt is a tough and highly durable, matt-finish, plastics-based decorative coating which protects against the growth of micro-organisms such as mould, fungi, yeasts and bacteria on its surface. Its antimicrobial system does not leach out, unlike those of traditional fungicidal paints, and it therefore remains safe and active throughout the life of the product.

Hydromed Matt is highly elastomeric, expanding and contracting with thermal movements of the substrate, and has a vapour-permeable structure which allows damp substrates to dry out without causing blistering or loss of adhesion. Hydromed Matt is water-based and is free from phenols, mercurials, arsenic and toxic heavy metal complexes.

Hydromed Matt is ideal for use on ceilings and both internal and external walls. It can also be applied to vessels, tanks and associated equipment, and where positive pressure is essential, such as fruit storage facilities, hospitals, wine cellars and food manufacturing plants. It produces a hard-wearing coating that will tolerate harsh cleaning agents and other chemicals and allows building owners to comply with even the most stringent hygiene-related legislation.



Hydrotex is a premium exterior coating with long-lasting protection against external cracks. Forms a protective barrier against extreme weather elements on exterior walls and is highly flexible.Hydrotex is a premium exterior coating with long-lasting protection against external cracks



Hydrosilk is an adhesion promoted plastic satin finish pure acrylic coating. Dekro Hydrosilk has outstanding interior/exterior durability and is stain and scrub resistant. This low sheen coating is nonyellowing and has anti-bacterial, fast drying and over coating properties. Dekro Hydrosilk is low in odour and non toxic, non irritant if standard painting conditions and code of painting practice is adhered to.

Product Guide



Dekro Biowash is specifically formulated for the sterilising of bare and painted wood as well as masonry surfaces affected by mould, algae and lichen. This Environmentally friendly, chlorine free product harnesses an antimicrobial action that e ciently targets and eliminates a wide range of spoilage micro-organisms, ensuring a thorough and effective clean without the use of chlorine. Ideal for both residential and commercial applications as well as wine farms.



Moisture Displacing Epoxy is a low viscosity Hydrophobic Epoxy resin for the coating of concrete floors. Cures under cold, damp conditions, often used as a primer for polyurethane, polyester and epoxy coatings on damp or green concrete.



Mediflex is designed with specific hygiene functionality in mind. The in-film preservative is designed to remain permanently locked in and active, ensuring that no growth of surface micro-organisms occurs. It protects against the growth of micro-organisms such as mould, fungi, yeast and bacteria on its surface. Its antimicrobial system does not leach out, unlike those of traditional fungicidal paints, and it therefore remains safe and active throughout the lifespan of the product.

The specific features of this product can be summarised as fast drying, glossy, and hard, with rapid physical properties development. Polyurethane toughness, coupled with an unusually high retention of film integrity, plays a key role in ensuring longevity of performance. Due to rapid drying, recoatability and exceptionally fast strength development, the coating will enable rapid re-use of the building or utility when used as a new-build or maintenance coating.

Mediflex is designed to give the best balance currently available in gloss, with high build plus flow to ensure surface defects from application equipment are minimised. Mediflex is ideal for use in hospitals; food storage and processing; kitchens; breweries; dairies; educational establishments; general industrial and agricultural environments; marine applications; laboratories; o ces; corridors; and general institutional use.





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



Plaster & Masonry Primer is a water based alkali resistant primer and sealer for use on new plaster, cretestone, fibre cement and alkaline surfaces. Provides excellent
sealing properties



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



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



Ripple-Touch is a high quality, heavy textured coating that covers plaster imperfections, surface defects and bridges hairline cracks.



Solardek is a 100% pure acrylic semi-gloss roofcoating containing solar reflective white pigment. Designed to bounce the sun's UV and infrared rays away from your building. It can reduce indoor air temperatures up to 25% significantly lowering your cooling and energy cost.



Tuffcoat is a surface tolerant epoxy coating, designed to protect steel with less surface preparation. Tuffcoat requires less surface preparation (St 2) and sandblasting is not necessary. It has excellent adhesion and can be applied to a slightly damp surface. Suitable for metal and concrete surfaces where chemical resistance is required.



Xterior Guard is an exceptionally high quality fibre reinforced flexible waterproof exterior coating with a low sheen. Xterior Guard bridges hairline cracks, offers extremely low dirt retention, is highly washable, has good stain resistance, excellent durability and outstanding waterproofing properties.



Dekro Wash Primer is commonly referred to as Wash Primer. The main use is over well-prepared galvanised iron, aluminium, non-ferrous metal or PVC. Its main function is to provide adhesion to the above materials. Twin Pack Etch Primers have limited anti-corrosive properties and are not intended for exposure to the elements for any length of time. Primers such as Zinc Phosphate are normally applied over Etch Primers to reinforce and provide additional anti-corrosive properties. Twin Pack Etch Primers perform well over bonded fibreglass and other similar types of moulded plastic material.

Case Studies

NEDERBURG

Nederburg in Paarl have been a fond supporter of our speciality coatings for their wine cellars. Dekro Paints provided Mediflex to re-coat their cellar.

Mediflex is a high gloss, single pack waterborne polyurethane based coating designed with specific hygiene functionality. The in-film preservative is designed to remain permanently locked in and active ensuring no growth of surface micro-organisms. Mediflex can be coated onto masonry surfaces without the use of primers which is ideal for cellar environments.



SPIER WINE ESTATE

Spier Wine Estate has been using Dekro Organohalogen free coatings for the past 15 years.

They use Hyrdolock Primer and Hydromed Gloss on all the internal walls, external walls and fibreglass tanks at their wine cellar.

We provided Dekster 111 Self levelling epoxy to re-coat their floor surfaces and they have re-coated all their internal and external surfaces with our coatings again.



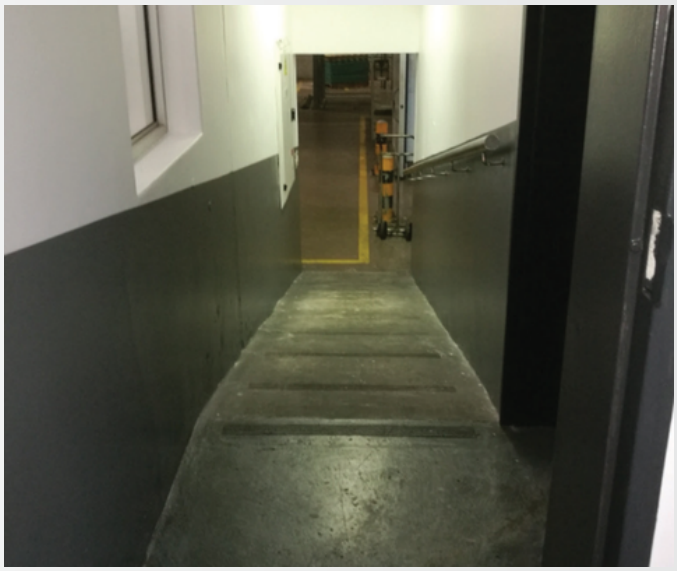


JC LE ROUX WINE ESTATE

JC le Roux Wine Estate is situated in the Devon Valley and is therefore susceptible to mould growth on all their external substrates. As part of the Distell group Dekro provides recommendations and specifications to re-coat all their surfaces on a maintenance schedule.

In the past 5 years we have supplied Dekro Biowash and Allroof for their asbestos roof structures and Hydrosilk and Hydrocide for their external wall surfaces.





Why Dekro Paints Recommends Thalès Services:

As one of the oldest and leading paint manufacturing companies in SA, it is imperative for us to align ourselves with companies who are not only experts in their fields, but are able to offer fantastic client service, competitively priced goods and/or services as well as having an excellent track record in their respective industries.

Thalès Services meet all these criteria as one of the leaders in the broader wine industr y.

Their services include among others;

Cellar Hygiene, where they offer the following:

- Cellar Audits & Consulting
- Winery Staff Training
- Specialised Cellar Hygiene Chemicals (IPW compliant & SABS approved)
- Risk Management and Problem Solving

Barrel Hygiene, which covers:

- Microbial Decontamination (including Brettanomyces yeasts)
- VA reduction
- Tartrate removal
- Sanding
- Leakage repairs
- Branding
- Removal/replacement of heads

We cannot recommend Thalès Services enough and have total peace of mind knowing they are testing our coatings to ensure that by using our products in your cellars, your wine is not at any risk of being damaged or tainted as a result of the paint being used.

Thalès Services (Pty) Ltd



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