

HYDROMED GLOSS

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CODE: 306001

REVISION: 02

DATE: 09 December 2025

GENERAL DESCRIPTION

Water based Acrylic coating which protects and prevents against microbial growth.

USES AND PROPERTIES

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 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, 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.

TECHNICAL DATA

Binder Type	:	Water based Acrylic coating
Drying Time	Surface Dry	<1 hour (at 23°C and 50% humidity)
	Hard Dry	<4 hours (at 23°C and 50% humidity)
Drying Process	:	Water evaporation followed by coalescence
Overcoating	:	4 hours
Viscosity	:	120 - 130KU
Specific Gravity	:	1,20 ±0,05kg/litre
Mass Non-Volatile Content	:	50% ±3%
Volume Solids	:	38% ±3%
Gloss	:	Gloss
Coverage	:	8m ² /litre
Dry Film Thickness	:	48 microns at 8m ² /litre
Colour Range	:	White and Pastel
Clean Equipment With	:	Water
Pack Sizes	:	5 litre, 20 litre

Technical data is based on **Hydromed Gloss White**, code 306001.

Coverage/spreading rate of **Hydromed Gloss** depends largely on the condition and porosity of the substrate being painted and manner in which the product is applied.

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APPLICATION

Correct surface preparation is essential for good product performance and all surfaces should be prepared as per the standard Dekro Preparation Specifications. Copies of these are available on request from Dekro Paints or can be downloaded from our website – www.dekro.co.za.

Do not apply when ambient temperatures are $<4^{\circ}\text{C}$ or $>40^{\circ}\text{C}$.

After correct surface preparation, prime with Dekro Hydrolock Primer and overcoat within 24 hours. Stir thoroughly and apply a minimum of 2 coats of **Hydromed Gloss** by brush, roller or spray at the specified spread rate. Allow to dry between coats as per technical data.

SAFETY INSTRUCTIONS

Always keep out of reach of children and animals.

Wear a suitable dust mask and goggles when preparing surfaces.

Ensure good ventilation during application and drying.

If accidental contact with skin, wash immediately with soap and water or a recognised skin cleaner.

If accidental contact with eyes, rinse immediately with plenty of water and seek medical advice.

Harmful if swallowed. Seek medical attention and do not induce vomiting.

GENERAL

Different surfaces and environmental conditions require specific painting systems to produce the best possible results.

It is therefore recommended that you contact a Dekro Sales representative for advice on all your painting requirements whenever possible.

PREVENTING PROBLEMS AND GENERAL INFORMATION

IMPORTANT: Walls (cement plaster, concrete or masonry) must be dry before painting and should not exceed a moisture content of 10% as measured with a Protimeter Surveymaster Moisture Meter or equal. The ambient temperature must be between 4°C and 40°C and humidity between 10% and 85%.

Excessive application thickness and/or rapid drying could lead to mud cracking.

Avoid applying under adverse weather conditions as this could result in poor product performance.

Work from corner to corner, or from a natural cut off point to another.

Do not attempt touch ups, but redo complete panels.

Always keep a wet edge and avoid downing tools during the application process to prevent lap marks and variances in colour or texture.

To ensure consistent appearance ensure that the batch numbers on all containers used are the same. Where batch numbers on containers differ, intermix containers before use.



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CLEANING, STORAGE AND DISPOSAL

Remove as much paint as possible from application equipment and wash immediately after use with water. Close containers tightly after use and store in a cool well-ventilated area. Do not empty contents or wash water into drains or water courses. When disposing please follow local authorities' regulations and recycle the container after use. Avoid storing in direct sunlight and heat.

Technical Data Sheet



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The technical data furnished is given to the best of our knowledge based on controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven product fault our liability will be limited to the replacement of the product only. It is the user's responsibility to confirm the currency of product data sheets.

e-mail: info@dekro.co.za

Toll Free: 0800 222 423

<http://www.dekro.co.za>