

HYDROMED MATT

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REVISION : 01

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GENERAL DESCRIPTION

Water based self-cross-linking copolymer solution which protects and prevents against microbial growth.

USES AND PROPERTIES

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, and may be reinforced with chopped strand matt for additional strength and durability. 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 membrane 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 self-cross-linking copolymer solution.
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
Over Coating	:	4 hours
Viscosity	:	140ku
Specific Gravity	:	1,3 ±0,05kg/ltr
Non Volatile Content	:	Mass: 68%±3%
Volume	:	48%±3%
Gloss	:	Matt
Coverage	:	4m ² /ltr for 350µ Dry Film Thickness (DFT)
Flash Point	:	Not Applicable
Application Temp	:	>4°C <40°C

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TECHNICAL DATA (continued)

Colour Range	:	White
Clean Equipment With	:	Water
Pack Sizes	:	1ltr, 5ltr & 20ltr

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

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 your 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 the recommended primer, then stir thoroughly and apply a minimum of 2 coats of **Hydromed Matt** 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.

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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.

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.

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.