

CODE: 315001

REVISION : 01

DATE: 06 June 2016

GENERAL DESCRIPTION

Single pack waterborne polyurethane based emulsion that protects against microbial growth.

USES AND PROPERTIES

Mediflex is 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. The specific features of this product can be summarised as – fast dry – glossy – hard with rapid physical properties development. Polyurethane toughness coupled with 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 of 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; marine; laboratories; offices; corridors and general institution use.

TECHNICAL DATA

Binder Type	:	Waterborne polyurethane based emulsion
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	:	90 –100ku
Specific Gravity	:	1,3 ±0,05kg/ltr
Non Volatile Content	:	Mass: 57%±3%
Volume	:	44%±3%
Gloss	:	Gloss
Coverage	:	8m ² /ltr for 55µ Dry Film Thickness (DFT)
Flash Point	:	Not Applicable
Application Temp	:	>4°C <40°C
Colour Range	:	White, Pastel
Clean Equipment With	:	Water
Pack Sizes	:	1ltr, 5ltr, 20ltr

MEDIFLEX

TECHNICAL DATA (continued)

Technical data based on Mediflex White, code 315001

Coverage/spreading rate of **Mediflex** 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°C or >40°C.

After correct surface preparation, prime with the recommended primer, then stir thoroughly and apply a minimum of 2 coats of **Mediflex** 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%.

MEDIFLEX

PREVENTING PROBLEMS AND GENERAL INFORMATION (continued)

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.