

ADTHANE ENAMEL

CODE: 470001

REVISION : 01

DATE: 06 June 2016

GENERAL DESCRIPTION:

Acrylic / Polyurethane

USES AND PROPERTIES:

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 coating of Concrete Surfaces that are suitably primed.

It is also resistant to detergents, chemicals, solvents, lubricants, organic fuel oil and high-octane fuels.

TECHNICAL DATA:

Type	Poly Acrylate / Urethane (Twin Pack)
Drying Time	Touch Dry : 2 hours @ 25°C Hard Dry : 8 hours @ 25°C
Re-coating Period	6 – 8 hours @ 25°C
Gloss	High Gloss
Volume Solids (mixed)	43 – 46%
Mixing Ratio	9 : 1 by volume
Pot Life	7 – 8 hours @ 25°C
Spreading Rate (practical)	12,5m ² / litre @ 30µ D.F.T.
Coverage (theoretical)	8 – 10m ² / litre @ 35µD.F.T.
Colour Range	White / Black / Clear.
Packing Size	1 litre, 5 litre

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

CHEMICAL RESISTANCE CHART :

Duration of test : 2 months

	Surface Changes	Days		Surface Changes	Days
Distilled water 23°C	None	-	Fuel Oil & 10% water 50°C	None	-
Sea water 23°C	None	-	White Spirit 23°C	None	-
Sulphuric Acid 10% & 50% 23°C	None	-	Xylol & Toluol 23°C	None	-
Hydrochloric Acid 10% & 20% 23°C	None	-	Methyl Isobutyl Ketone 23°C	Softening	-
Nitric Acid 10% 23°C	None	-	Methanol 23°C	Softening	-
Acetic Acid 10% 3°C	None	-	Formic Acid 10% 23°C	Blistering	30
Soda Sol. Saturated 5°C	None	-	Ammonia 10% 23°C	Blistering	30
Caustic Soda 20% 50°C	None	-	Hydrogen Peroxide 23°C	Blistering	14

APPLICATION:

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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.

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

After correct surface preparation, prime with the required primer, then stir thoroughly and apply a minimum of 2 coats of **Adthane Enamel** by brush, roller or spray at the specified spread rate. Allow to dry between coats.

Only use Adthane Thinners with Adthane Enamel. NB: Do not use Lacquer Thinners since it will interfere with the curing process.

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: Substrates 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 10°C and 35°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 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.

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.

FOR FURTHER INFORMATION PLEASE CONTACT: (TOLL FREE) 0800 222 423

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