

HYDROBOND 44

CODE: 856044

REVISION : 01

DATE: 06 June 2016

GENERAL DESCRIPTION

A Modified Acrylic Emulsion for anti-corrosion primer for iron surfaces.

USES AND PROPERTIES

Water based anti-corrosive and rust-inhibiting coating.

Provides excellent protection for iron and other metal surfaces in corrosive-industrial environments.

Assists in inhibiting or preventing corrosion, under rusting and rust-creep.

Non-toxic and non-irritating.

Lead and Chromate free, solvent-less (under 3% solvent).

Quick drying with excellent top coat adhesion.

Waterbased – therefore all equipment can be cleaned with water and used in confined and enclosed spaces with no discomfort from obnoxious fumes or solvent odours.

TECHNICAL DATA

Binder Type	:	Modified Acrylic Emulsion, Non-toxic
Drying Time	:	Surface Dry: 1 hour (at 23°C and 50% humidity) Hard Dry: 2 hours (at 23°C and 50% humidity)
Drying Process	:	Water evaporation followed by coalescence
Over Coating	:	2 hours (dry film must resist Xylene)
Viscosity	:	98 – 101ku
Specific Gravity	:	1,37 ±0,05kg/ltr
Non Volatile Content	:	Mass: 60%±3%
Volume	:	44%±3%
Gloss	:	Flat
Coverage	:	6m ² /ltr for 45µ Dry Film Thickness (DFT)
Flash Point	:	Not Applicable
Application Temp	:	>4°C <40°C
Colour Range	:	Red, Grey and Black
Clean Equipment With	:	Water
Pack Sizes	:	1ltr & 5ltr

Technical data based on Hydrobond 44 Standard Colours, code 856044.

Coverage/spreading rate of **Hydrobond 44** 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 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 **Hydrobond 44** by brush, roller or spray at the specified spread rate 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.

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PREVENTING PROBLEMS AND GENERAL INFORMATION (continued)

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.