

VASBYT SINGLE PACK METAL ETCH PRIMER

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CODE: 605001 - White
605003 - Red Oxide
605077 - Black
605202 - Grey

REVISION: 03

DATE: 15 August 2024

GENERAL DESCRIPTION

A fast-drying acid hardening metal etch primer.

USES AND PROPERTIES

Single pack primer with excellent adhesion to ferrous metal and galvanised iron.
Good film strength, providing a resilient film for overcoating.

TECHNICAL DATA

Binder Type	:	Polyvinyl Butyral (PVB) Phenolic Resin
Drying Time	Surface Dry	: <1 hour (at 23°C and 50% humidity)
	Hard Dry	: <3 hours (at 23°C and 50% humidity)
Drying Process	:	Solvent evaporation
Overcoating	:	3 hours
Viscosity	:	60 - 65 seconds Ford Cup No. 4
Specific Gravity	:	0,89 - 0.93 ±0,025kg/litre (depending on colour)
Mass Non-Volatile Content	:	17 - 22% ±3% (depending on colour)
Volume Solids	:	11 - 13% ±3% (depending on colour)
Gloss	:	Slight sheen
Coverage	:	10m ² /litre
Dry Film Thickness	:	11 microns @ 10m ² /litre
Thin With	:	Dekro Etch Primer Thinners
Clean Equipment With	:	Dekro Lacquer Thinners, Dekro Etch Primer Thinners
Colour Range	:	White, Red Oxide, Black, Grey
Pack Sizes	:	1 litre, 5 litre, 20 litre

Coverage/spreading rate of **Vasbyt Single Pack Metal Etch Primer** depends largely on the condition and porosity of the substrate being painted and the manner in which the product is applied.

APPLICATION

Ready for use with brush.

Depending on type and pressure of spray equipment, further dilution may be required. Use Dekro Etch Primer Thinners.

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APPLICATION (continued)

- Iron Steel*
- Surfaces must be clean and dry before application of **Vasbyt Single Pack Metal Etch Primer**.
 - Remove all millscale, rust, grit and heavy dust by abrasive blast cleaning to SA 2.
 - Wire brush or scrape to a clean metal surface when abrasive blast cleaning is not available or practically possible.
 - Remove all grease and oil.
 - Apply one coat of **Vasbyt Single Pack Metal Etch Primer**.
- Galvanised Iron*
- Remove all grease, oil and fabricators pre-treatment with Dekro Galv-Etch Cleaner using a brush or hessian. Thoroughly rinse down with clean water to remove all residue.
- Note: If water forms a continuous film (no water-break), then cleaning operation is sufficient.
- If water-break occurs, repeat cleaning process.
 - Rinse down with water to remove all residue and allow to dry.
 - Apply one coat of **Vasbyt Single Pack Metal Etch Primer** as above.

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°C or >40°C.

After correct surface preparation, prime with the recommended primer, then stir thoroughly and apply one coat of **Vasbyt Single Pack Metal Etch Primer** by brush, roller or spray at the specified spread rate. Allow to dry before overcoating 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.

DANGER

Highly Flammable liquid and vapor. May cause serious eye irritation. May cause drowsiness or dizziness. Repeated exposure may cause skin dryness and cracking.

PREVENTION:

Keep away from heat, sparks and open flames. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment.

Use explosion-proof electrical equipment and non-sparking tools. Take precautionary measures against static discharge. Avoid breathing vapors. Use only outdoors or in a well ventilated area. Wear eye protection.

RESPONSE:

If on skin: Take off immediately immediately all contaminated clothing. Rinse skin with water.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing if eye irritation persists: Get medical attention.

In case of fire: use water spray, alcohol resistant foam, dry chemical or carbon dioxide for extinction.

STORAGE:

Store locked up, in a cool, well ventilated place.





DISPOSAL:

Dispose of contents /containers in accordance with local regulations.

PLEASE REFER TO MATERIAL SAFETY DATA SHEET FOR ANY PRODUCT UPDATES.

COMPLIES WITH THE SOUTH AFRICAN LEGAL LEAD LIMIT OF 90PPM OR LESS

Flammable liquids, Hazard Category 1
Acute toxicity (oral), Hazard Category 4
Acute toxicity (inhalation), Hazard Category 4
Skin corrosion/irritation, Hazard Category 2
Serious eye damage/eye irritation, Hazard Category 1

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PREVENTING PROBLEMS AND GENERAL INFORMATION

Ambient temperature must be between 4°C and 40°C and humidity between 10% and 85%.

The steel temperature must be a minimum of 3°C above dew point, measured in the vicinity of the substrate being painted.

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.

Excessively friable surfaces should be cleaned down prior to primer application.

Do not attempt touch ups, but redo complete panels.

Cobwebbing can occur during application in warm to hot conditions. This can be prevented by thinning with Dekro Etch Primer Thinners.

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 Dekro Lacquer Thinners or Dekro Etch Primer Thinners.

Close containers tightly after use and store in a cool well-ventilated area.

Do not empty contents or wash 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.



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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.