

TECHNICAL DATA SHEET



Hymeg AD 12

Product Description

Type: A single pack, modified Polyester based insulating varnish

Uses: Designed for use as a general-purpose insulating varnish

Substrates: Transformers, stators and rotating parts for Class A applications (105 degrees C) through to Class H applications (180 degrees C).

Advantages: Rapid drying. Excellent resistance to moisture and a variety of chemicals and corrosive materials. Good penetration and bond strength and cures hard. Can be used with recommended magnet wires to exceed Class H insulation. High Dielectric strength, both wet and dry.

Conditions during application; The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, measured near the substrate. Good ventilation is usually required in confined areas to ensure proper drying. The moisture content in the substrate should not exceed 3% (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

PRODUCT DATA:

Colour Range: Clear Liquid

Pack Sizes: 5Litres

Finish: Gloss

Thinner & equipment cleaner: Xylene

Dilution Ratio: Supplied ready for use. Shake well before use.

Drying Times: Stove for 1hour @ 165°C

APPLICATION DATA:

The product can be applied by: By immersion or Dipping followed by stoving

Spreading Capacity per coat: Depends on film thickness applied, type of texture, surface porosity, imperfections, temperature & wastage during painting

Difficult to approximate but roughly 2m²/l

DIRECTIONS FOR USE

Surface preparation & Paint System:

Surface	Preparation	Topcoat
Clean electric wire/ windings	Ensure that the surface is dry and free from all oil, grease, dirt, etc.	1 coat Crown Hymeg AD12

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If you like it... Crown it!

Precautions:

1. Ensure prescribed stoving temperature and conditions of 1 hour and 165°C are adhered to

Availability: From Crown Depots in Nairobi, Kisumu, Mombasa, Meru, Nyeri, Eldoret, Arusha, Mwanza, Dar es Salaam, Kigali and through Crown Stockists.

Storage Conditions: Store under cool dry conditions away from direct sunlight, heat and extreme cold.

Disclaimer: The recommendations contained herein are given in good faith and meant to guide the user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond Crown Paints Kenya PLC control.

Technology may change with time, necessitating changes to this Technical Data Sheet (TDS).

Crown Paints Kenya PLC reserves the right to amend the TDS without any further notice.

It is the responsibility of the user to ensure that the latest TDS is being used for reference.



For additional health & safety information, please refer to our Material Safety Data Sheet (MSDS)