

# Aquameg 300 impregnating varnish

# BEVI

Aquameg 300 is a water soluble polyester-based impregnating varnish for electric motors, transformers and most coils. The varnish has outstanding electrical properties, good resistance to moisture and chemicals.

These characteristics combined with good tank stability and very low volatility qualify Aquameg 300 as a good alternative to solvent-based varnishes.



## Typical applications

Used for electric motors, transformers and most coils and suitable for both dip and vacuum impregnation. Curing takes place in an oven.

## Properties

- Provides good coating thickness.
- Low volatility.
- Protection against moisture.

## Composition

Water soluble polyester-based impregnating varnish.

## Colour

Brown/clear.

## Packaging

25 and 210 litre.

## Technical data

- Flash point:  $>100^{\circ}\text{C}$ .
- Density:  $1.03\text{--}1.06\text{ g/cm}^3$ .
- Volatility: 30–34%.
- Viscosity at  $25^{\circ}\text{C}$ : 1.5–2 poise.
- Drying time at  $130^{\circ}\text{C}$ : 4 h. Drying time at  $140^{\circ}\text{C}$ : 3 h. (Note: the actual curing time is dependent on the size and type of object and oven efficiency. The curing time should always be calculated starting only when the object reaches the desired curing temperature.)
- Application: Dip and vacuum impregnation.
- Storage stability: 18 months at  $20^{\circ}\text{C}$ .
- Bond strength at  $20^{\circ}\text{C}$ : 22 kg.  
Bond strength at  $150^{\circ}\text{C}$ : 3.5 kg.
- Dielectric strength: 1350 V/0.01 mm.
- Cleaning agent/thinner: Xylene/thinner Utimeg 2000/T4.
- Thinning is done with distilled water.
- Safety data sheet complies with applicable rules for Sweden.

## Workshop practice

The viscosity of water soluble impregnating varnish should be checked regularly. Regular replenishment of new impregnating varnish is recommended to maintain stability.

## Article list

Item number	Product name	Packaging
125992	Aquameg 300	25 litre
On request	Aquameg 300	210 litre

## How to contact BEVI

Contact details for all countries are continually updated on our website.  
Please visit [www.bevi.com](http://www.bevi.com) to access the information direct.

BEVI AB (Headquarters)  
Blomstermåla, Sweden  
Tel. +46 499 271 00  
[info@bevi.se](mailto:info@bevi.se)