

Product code: 481194

## DOMALKYD 0246 70 BG

### Water Reducible Epoxy Modified Alkyd Resin

**Specification:**

Property	Range	Method / According to standard
Non-volatile matter	68 - 72%	MH1155 / ISO 3251
Acid value on solid resin	35 - 65 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 °C	8000 - 22000 mPa·s	MH1007 / ISO 3219

**Typical properties:**

Property	Value
Solvent ratio	Butylglycol / Methoxypropanol = 70 / 30
Density	1.1 kg/L
Oil content	23%
Bio-based content on solid	42%
Total renewable content on delivery form	29%

**Remarks:**

- » The bio-based content is 23% of the dry matter by the Carbon-14 method and an additional 19% via a biomass balance (BMB) approach as certified by the ISCC PLUS. The certificate can be issued upon request.
- » Water reducible after neutralization with amine.
- » Partially neutralized with dimethylethanolamine.

**Compatibility:**

Compatible with most water reducible resins and water reducible melamine resins.

**Applications:**

- » Used for non-air-drying corrosion protection primers and top coats.
- » Crosslinked with melamine resins it is used for durable stoving systems
- » Coating systems based on Domalkyd 0246 70 BG have excellent pigment wetting, very good corrosion properties, high reactivity, high hardness and high flexibility in stoving systems.

**Storage:**

The resin should be stored indoors in its original, unopened and undamaged container in a dry place at storage temperatures between 5 °C and 35 °C, for up to 12 months. Protect from freezing and avoid exposure to direct sunlight.

**Disclaimer**

This data is based on experience, for its completeness, we assume no liability. As we take no influence on the processing, it lies within the obligation of the customer to test, whether it is suitable for the intended purpose, before using the product. Any change in the processing procedure, the environmental conditions or the failure to comply with instructions may unfavorably influence the result. This Technical Datasheet is available on our website at [www.helios.si](http://www.helios.si). Should there be any discrepancies between this document and the version that appears on the website, then the version on the Website will take precedence.

**TECHNICAL DATASHEET**

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