

Product code: 472533

## DOMALKYD 0265 70 BG/2B/PnB

### Water reducible Alkyd Resin

**Specification:**

| Property                  | Range               | Method / According to standard |
|---------------------------|---------------------|--------------------------------|
| Non-volatile matter       | 68 - 72%            | MH1155 / ISO 3251              |
| Acid value on solid resin | 28 - 36 mg KOH/g    | MH1051 / ISO 2114              |
| Viscosity, 23 °C          | 10000 - 20000 mPa·s | MH1007 / ISO 3219              |
| Colour                    | max. 8 Gardner      | MH1124 / ISO 4630              |

**Typical properties:**

| Property                                 | Value                                     |
|--|---|
| Solvent ratio                            | Butylglycol / 2-Butanol / PnB = 1 / 1 / 1 |
| Oil content                              | 28%                                       |
| Bio-based content on solid               | 62%                                       |
| Total renewable content on delivery form | 43%                                       |

**Remarks:**

- » The bio-based content is 28% of the dry matter by the Carbon-14 method and an additional 34% via a biomass balance (BMB) approach as certified by the ISCC PLUS. The certificate can be issued upon request.
- » Water reducible after neutralization.
- » Neutralization with ammonia or amine to pH 8.2 - 8.5 prior to dilution with water.
- » To improve paint stability the water/cosolvent ratio should be 80:20 to 85:15.
- » The recommend driers should be dispersed in the mill base:  
0.05 - 0.15% Co + 0.05 - 0.05% Mn for coloured systems or  
0.05 - 0.15% Co + 0.1 - 0.6% Zr for white systems

**Applications:**

Domalkyd 0265 70 BG/2B/PnB is used for primers and top coats for industrial application (air and forced drying and stowing systems) with fast drying, excellent corrosion resistance and high gloss.

**Storage:**

The resin should be stored indoors in its original, unopened and undamaged container in a dry place at storage temperatures below 35 °C, for up to 12 months. Exposure to direct sunlight should be avoided.

**Note:** The information contained herein is provided in good faith and is to the best of our knowledge accurate, but we assume no liability for its accuracy or completeness. Therefore, the buyer is advised to determine the suitability of this product for the intended use. We retain the right to make any changes according to technological progress or further developments. For safety information please refer to the current Material Safety Data Sheet.

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