

## **SYNTHETIC RESINS - PAINT AND VARNISH / Solvent Based**

## LONG OIL ALKYD RESIN

**ATAKYD LO 63W70 LV**

## PRODUCT DESCRIPTION

Solvent based, long oil and oxidative drying alkyd resin  
High colour durability and gloss retention  
Very good yellowing resistance  
Low viscosity

## STORAGE & SHELF LIFE

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between 5-30 °C. Exposure to direct sunlight should be avoided. The shelf life of the resin under the mentioned storage conditions is 1 year.

## DELIVERY FORM

| Long oil alkyd resin  | <b>COMPATIBILITY</b> | IBC - 950 kg    |
|-----------------------|----------------------|-----------------|
| Cellulose nitrate     | Compatible           | Barrel - 195 kg |
| Short oil alkyd resin | Compatible           | Bulk            |
| Amino resins          | Incompatible         |                 |
|                       | Compatible           |                 |

## APPLICATION

Parquet varnishes  
Synthetic paints and varnishes  
Wood  
Construction paint

## MATERIAL SAFETY

SDS for this product is available on request

## TECHNICAL SPECIFICATIONS

| Property                       | Value           | Unit               | Test Method         |
|--------------------------------|-----------------|--------------------|---------------------|
| Modification                   | Specific        | -                  | -                   |
| Type of oil                    | Soybean oil     | -                  | -                   |
| Oil percentage                 | 63              | %                  | -                   |
| Solvent type                   | White spirit    | -                  | -                   |
| Solid content                  | 69-71           | %                  | TS EN ISO 3251      |
| Viscosity (Gardner 25 °C)      | W-Y / 15,7-26,8 | Gardner/sec        | ASTM D 1545-13      |
| Viscosity (60%, Gardner 25 °C) | H-J / 2,93-3,67 | Gardner/sec        | ASTM D 1545-13      |
| Acid value                     | Max 11          | mg KOH/g           | TS 2366 EN ISO 2114 |
| Density (20 °C)                | 0,94-0,98       | gr/cm <sup>3</sup> | TS EN ISO 2811-1    |
| Colour (%50 Solid)             | Max 6           | Gardner            | TS EN ISO 4630      |

## SOLUBILITY

|              |         |
|--------------|---------|
| Acetone      | Soluble |
| White spirit | Soluble |
| Xylene       | Soluble |
| Toluene      | Soluble |

## RECOMMENDED DRYER RATES

|           |             |
|-----------|-------------|
| Cobalt    | 0,05-0,07 % |
| Zirconium | 0,2-0,4 %   |
| Calcium   | 0,1-0,3 %   |

Recommended scatter rates over 100% solid alkyd metal percentages.

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