

## Technical Leaflet

# WorléeThix V 747

Art.- No. 111030-00651

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W`Thix V 747 is a long oil alkyd resin with a soft thixotropic gel structure, mainly for the manufacture of primers, mat wall and silk gloss paints and for thixotropic glossy decorative and protective house paints.

### Technical Data:

|   |                              |
|---|------------------------------|
| Non volatile content, 1h/125 °C,<br>DIN EN ISO 3251       | 52% ± 2                      |
| Oil type  | special fatty acids          |
| Oil content   | approx. 64%                  |
| Content of phthalic anhydride acid                        | approx. 23%                  |
| Acid value, on solids, DIN EN ISO 3682                    | max. 15                      |
| Colour, Gardner, delivery form,<br>DIN ISO 4630           | max. 7                       |
| Viscosity, Rheometer, 20 °C, C 35/1°, 391 s <sup>-1</sup> | 5,000 - 7,000 mPa·s          |
| <b>Delivery form</b>                                      | 52% in deaeromat. HC 180-220 |

### Compatibility:

W`Thix V 747 is compatible with most medium and long oil air drying alkyd resins. It is also compatible with maleic and phenolic modified hard resins.

### Solubility:

W`Thix V 747 is soluble in all common solvents.

### Application and Properties:

W`Thix V 747 is especially recommended for primers, mat wall paints and silk gloss paints and for thixotropic glossy decorative and protective house paints.

With addition of W`Thix V 747 thick layer anti corrosion systems for the heavy corrosion protection can be produced.

All these paint systems show very good application properties while brushing rolling and spraying. W`Thix V 747 avoids sagging from vertical surfaces.

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W´Thix V 747 can be combined with other alkyd resins like e.g.

W´Kyd S 351 (for silk gloss paints)  
W´Kyd B 865 U (for silk gloss paints)  
W´Kyd B 870 (for glossy decorative paints) etc.

The outdoor resistance of W´Thix V 747 is excellent.

The use of polar solvents should be avoided. As they have negative influence on the thixotropy of W´Thix V 747.

It should be observed that also no strong polar treated matting agents are used.

#### **Driers:**

Following driers are recommended for W´Thix V 747:

0.05 - 0.07% Co

0.10 - 0.20% Ca

(metal calculated on solid alkyd resin)