



**Technical Leaflet** 

# WorléeThix A 2313

Art.-No. 112005-02250

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W Thix A 2313 is a thixotropic acrylic resin which can be crosslinked with isocyanates.

### **Technical Data:**

Viscosity Delivery form	thixotropic, soft gel 60% in aromatic HC 155 - 180
Glass transition temperature (Tg), calculated	
Colour, Gardner, delivery form, DIN ISO 4630	approx. 1
Hydroxyl content, on solids	approx. 1.3%
Hydroxyl number, on solids, DIN EN ISO 4629	approx. 43
Non volatile content, 1h/125 °C, DIN EN ISO 3251	60% ± 2

### **Application and Properties:**

W Thix A 2313 can be used as a sole binder or in combination with other hydroxy acrylates for the manufacture of air and forced drying industrial paints.

Even at room temperature paint films show high hardness, chemical resistance and very good weather resistance.

Application fields for W Thix A 2313 are coatings of front elements and plastic coatings.

W Thix A 2313 can also be used for formulating decorative effect finishes.

### Compatibility / Solubility:

Tolonate HDB*	+		
aliphatics	-		
aromatics	+		
esters	+		
ketones	+		
glycol ethers, - esters	+		
alcohols	-	- unsoluble	+ soluble

The above declarations serve for information purposes only. In particular, they shall not be relevant to define binding specifications for any orders. With respect to any order, the specifications shall be governed by the provisions of the sales contract to be concluded between the parties (e.g. the "product specification"). Any deliveries are exclusively subject to our general standard terms and conditions in their respectively valid version. We will be happy to provide you with the general standard terms and conditions upon your request and





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## **Cross-linking / Catalization:**

For 100% cross-linking per 100 g W Thix A 2313, 60%

11.4 g Tolonate HDB\* 75

The necessary equivalent quantity of polyisocyanates can be calculated according to the following formula:

Polyisocyanate quantity =  $\frac{42 \times \% \text{ OH}}{17 \times \% \text{ NCO}} \times 100$ 

(42 = molecular weight of NCO-group) (17 = molecular weight of OH-group)

Curing may be accelerated by addition of DBTL, zinc octoate, diethanol amine. A reduction of pot life has to be observed.

#### **Pigmentation:**

W Thix A 2313 shows high pigment binding properties and is pigmentable with all neutral, water-free pigments and fillers.

### **Recommended Storage- and Transport Conditions:**

Avoid direct sunlight, do not store above 30 °C.

Stored in original packaging and at room temperature WorléeThix - hydroxy acrylates have a durability of 12 months.

\* Tolonate is a product of Vencorex. Distribution for Austria, Germany and Switzerland by Worlée-Chemie GmbH.