



CHEMICAL RAW MATERIALS

WORLÉE
seit 1851

WorléeThix – thixotropic alkyd emulsions for water-thinnable paint systems



Worlée makes things possible

With the brand new types in the WorléeThix product group, the family owned company is offering two thixotropic alkyd emulsions which enable the production of water-thinnable, non-drip paint systems. The two product types differ in their viscosity. While **WorléeThix VP E 165 W** is offered as a strong gel, **WorléeThix VP E 166 W** is available as a soft gel.

As co-binder, **WorléeThix VP E 165 W** and **WorléeThix VP E 166 W** reduce phase separation in paint storage and improve rheology in application on vertical surfaces. Both products are shear-stable and have a solid content of 40 per cent. Furthermore, polar solvents have little or no effect on the thixotropy of paint systems.



WorléeThix VP E 166 W



WorléeThix VP E 165 W

Five steps for a successful water-thinnable, thixotropic wood glaze...

Example of a guide formulation with **WorléeThix VP E 165 W**



Step 1

WorléeThix VP E 165 W is taken.



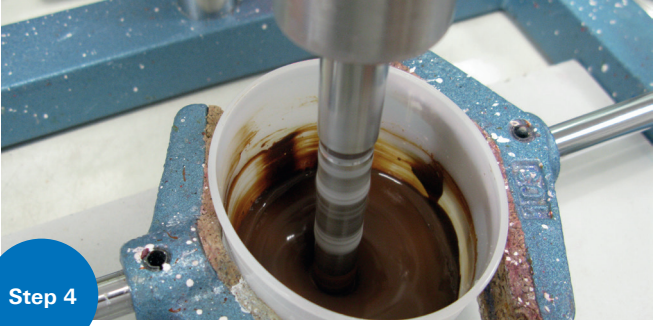
Step 2

WorléeThix VP E 165 W is mixed with water.



Step 3

The additive WorléeAdd 6226 is added to the mix.

**Step 4**

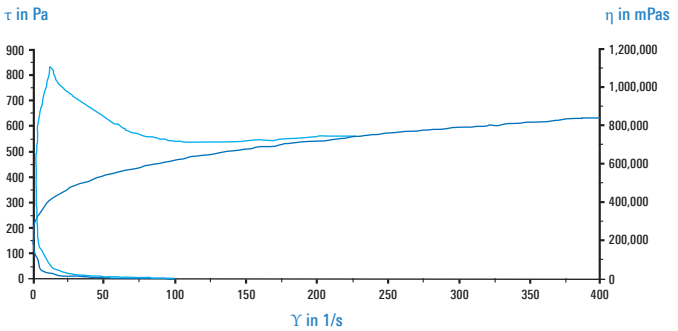
Luconyl yellow 1916, Luconyl red 2817, Luconyl black 0066, Acematt TS 100 paste and water are then added.

Step 5

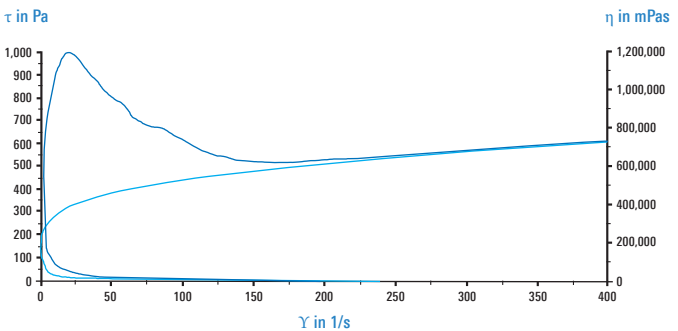
And that's it! The water-thinnable, thixotropic wood glaze can now be applied.



Flow curve of the
WorléeThix VP E 165 W initial:



Flow curve of the
WorléeThix VP E 165 W
after 3.5 months:





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