

## Starting point formulation – Natural furniture and wood care based on natural wax emulsions

Smooth, cream-like furniture and wood care provides good water repellency, highlights the grains and generates a shinier look – utilizing natural wax emulsions AQUACER 561 and AQUACER 497.

### Formulation

Position	Component	Chemical name	Supplier	Function	Dosage (%)
1	Demineralized water			Solvent	6.80
2	AQUACER 561	Non-ionic aqueous beeswax emulsion	BYK	Surface protection	84.20
3	AQUACER 497	Non-ionic emulsion based on a paraffin wax	BYK	Surface protection	6.60
4	BYK-1679	Aqueous emulsion of polysiloxanes	BYK	Defoaming	0.10
5	BYK-3459	Polyether-modified siloxane	BYK	Levelling	0.30
6	PURABYK-R 5530	Solution of modified urea	BYK	Anti-settling, rheology additive	2.00
<b>Total</b>					<b>100.00</b>

#### Instructions (manufacturing procedure)

- Mix water and both wax emulsions at 1,000 rpm for 10 min.
- Add all components in the listed order under stirring at 1,300 rpm.
- Continue stirring at 1,000 rpm for additional 20 min after the last component was added.

#### Characteristic data

- Solid bees wax content: 21.0%
- Solid paraffin wax content: 3.3%

Natural and effective formulation.  
All ingredients are liquid: easier handling.



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