

## Starting point formulation – Vegan furniture and wood care based on natural, bio-based wax emulsions

Smooth, cream-like furniture and wood care provides good water repellency, highlights the natural wood optic and generates a shinier look – utilizing bio-based, natural wax emulsions AQUACER 570 and AQUACER 565.

### Formulation

Position	Component	Chemical name	Supplier	Function	Dosage (%)
1	Demineralized water			Solvent	34.00
2	AQUACER 570	Non-ionic emulsion of a sunflower/carnauba wax blend	BYK	Surface care	52.70
3	AQUACER 565	Non-ionic aqueous carnauba wax emulsion	BYK	Surface care	10.90
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	Rheology	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 sunflower wax content: 21.0 %
- Solid carnauba wax content: 3.3 %

Vegan formulation.  
All ingredients  
are liquid:  
easier handling.



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