

## Starting point formulation – BB cream – pure tone

This hydrating BB cream provides light to medium coverage, evens skin tone and conceals imperfections. **GELWHITE-H XR** acts as a rheology modifier and stabilizer and **PURABYK-W 5560 BOOST** as a soft-focus ingredient, which also has texture-enhancing, oil-binding and mattifying properties.

### Formulation

Position	Component	INCI	Supplier	Function	Dosage (%)
A	Water	Aqua		Carrier	65.19
	<b>GELWHITE-H XR</b>	Bentonite	BYK	Rheology modifier	3.00
	Glycerin 85 %	Glycerin, Aqua	VWR	Moisturizer	3.00
B	Olivem 1000 MB	Cetearyl Olivatate, Sorbitan Olivatate	Hallstar	Emulsifier O/W	4.00
	TEGO ALKANOL 1618 MB	Cetearyl Alcohol	Evonik	Consistency providing agent	1.00
	Sweet Almond Oil	Prunus Amygdalus Dulcis Oil	Gustav Heess	Emollient	5.50
	Crambe Oil	Crambe Abyssinica Seed Oil	Henry Lamotte	Emollient	6.50
	Avocado Oil	Persea Gratissima (Avocado) Oil	Gustav Heess	Emollient	3.50
	Cutina CP	Cetyl Palmitate	BASF	Consistency providing agent	0.50
	BioChemica Vitamin E Natural	Tocopherol	Hallstar	Active	0.50
C	Goldmann Ti White R TECS	CI 77891 (rutil) and Triethoxycaprylylsilane	S.Goldmann GmbH & Co. KG	Colorant	3.10
	Goldmann Fe Yellow TECS	CI 77492 and Triethoxycaprylylsilane	S.Goldmann GmbH & Co. KG	Colorant	0.45
	Goldmann Fe Black TECS	CI 77499 and Triethoxycaprylylsilane	S.Goldmann GmbH & Co. KG	Colorant	0.06
	Goldmann Fe Red TECS	CI 77491 and Triethoxycaprylylsilane	S.Goldmann GmbH & Co. KG	Colorant	0.10
D	Euxyl™ PE 9010	Phenoxyethanol (and) Ethylhexylglycerin	Ashland	Preservative	1.00
E	D-Panthenol 75L	D Panthenol, Aqua, D-Pantolactone	dsm-firmenich	Active	1.50
F	LaVita Silk femme	Parfum	Nöring Naturprodukte	Fragrance	0.10
G	<b>PURABYK-W 5560 BOOST</b>	Hydrogenated Rapeseed Oil	BYK	Functional ingredient	1.00
<b>Total</b>					<b>100.00</b>

### Instructions (manufacturing procedure)

- Add GELWHITE-H XR slowly to the water of phase A while stirring for 15 min at 800 rpm.
- Complete phase A with glycerin 85 %.
- Weigh in the ingredients of phase B and C. Heat phase A and phase B/C separately to 80 °C.
- Now add phase B/C to phase A while stirring with good agitation.
- Homogenize with the ultra turrax for 2 min at 6.500 rpm.
- Cool with mixing, then add ingredients of phase D,E and F one after the other below 40 °C.
- Finally add PURABYK-W 5560 BOOST and homogenize again 4 min at 8000 rpm.
- Deaeration with centrifuge: 2 min at 3000 rpm at 25 °C.
- Adjust the final pH value to 5.0 with citric acid.

### Characteristic data

- Appearance: beige colored, smooth and easy to apply.
- Storage stability: 3 months at 40 °C.

### PURABYK-W 5560 BOOST

is a soft-focus ingredient, which also has texture-enhancing, oil binding and mattifying properties.



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