

Starting Formulation, FP-1086

October 5th, 2020
1/2

End-Use Homecare

Sunflower – wax containing floor polish with anti-slip effect

High gloss floor polish based on acrylic copolymer
for high traffic areas with outstanding durability
Utilizing AQUACER 570 and BYK-3450

Formulation

Pos.	Component	Supplier	Function	Weight [g]
1	Demineralized water		Solvent	39.6
2	Parmetol MBX (9%)	Vink Chemicals	Biocide	0.1
3	Citrofol B I (Tributylcitrate)	Jungbunzlauer	Permanent plasticizer	3.0
4	Diethylenglykolmonoethylether		Temporary plasticizer	4.5
5	Encor 7706	Arkema	Film building resin	40.0
6	AQUACER 570 (40%)	BYK	Surface protection	12.5
7	BYK-3450 (100%)	BYK	Levelling	0.3
				100.00

Instructions

- Mix water, Parmetol MBX and Citrofol BI at 1300 rpm with 30mm tooth blade (2 m/s) for 15 minutes
- Add all components in the listed order under stirring at 1 m/s
- Continue stirring at 1 m/s for additional 30 minutes after the last component was added

Characteristic Data/ Specification

Data	Unit	Value
Solid Sunflower wax content	%	5.0
Solid resin content:	%	23.5
Ratio resin : wax	%	3.0 : 1.0

Further information / Application

Depending on the requirements, the polish can be used as as is as well as diluted with water.