

SYNTRAN® 6130 ACRYLIC POLYMER SPECIALTY TOP COAT

WOOD FINISH BASED ON SYNTRAN 6130

Formulation F-43-069-01 30% N.V.

This **SYNTRAN 6130** wood formulation is designed for indoor use and exhibits excellent gloss and durability characteristics on furniture, trim and other non-wear applications. The formulation dries faster than conventional solvent based finishes and has easy water cleanup.

Mix in Order Listed:

	<u>Type</u>	<u>Pounds</u>	<u>Weight %</u>	<u>Supplier</u>
Water		160.48	18.64	
<i>Premix:</i>				
Tributoxy Ethyl Phosphate	Plasticizer	8.27	0.96	Various
DSX 1514 @ 50% N.V.	Thickener	2.48	0.30	Henkel
1% Active Zonyl FSH	Leveling Agent	8.27	0.96	Dupont
Dipropylene Glycol Methyl Ether	Coalescent	59.58	6.93	Various
Foamaster NDW	Foam Control Agent	0.33	0.00	Cognis
Syntran 6130 @ 40% N.V.	Acrylic Emulsion	378.56	44.02	Interpolymer
Hauthane HD 4675 @ 40% N.V.	Polyurethane Dispersion	217.21	25.30	Hauthaway
Syntran 6150 @ 40% N.V.	Oxidized Polyethylene Wax Emulsion	24.82	2.89	Interpolymer
	Yield:	860.00	100.00	

pH: 8.6 ± 0.2

Polymer / Polyurethane / Wax Ratio: 61 / 35 / 4

Procedure:

- It is recommended that the ingredients be added in the order they are listed under good agitation.
- The plasticizer premix should be prepared and allowed to mix for 20-30 minutes. The premix should yield a uniform mixture.
- Polymer, polyurethane and wax emulsion should be added separately with 30 minutes of mixing after the completion of each addition.
- Completed batch should mix for one hour.