

Interpolymer offers
several suggested formulations for
SYNTRAN[®] 6130 Wood Coatings Formulations.

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- SYNTRAN[®] 6130 Wood Basecoat (Sanding Sealer) formulation F-43-067-01
- SYNTRAN[®] 6130 Wood Furniture Topcoat formulation F-43-069-01
- SYNTRAN[®] 6130 Wood Floor Topcoat formulation F-43-068-02

WOOD BASE COAT BASED ON **SYNTRAN® 6130**

Formulation F-43-067-01 30% N.V.

This **SYNTRAN 6130** base coat formulation is designed to fill and seal wood pores completely before applying a topcoat. This sealer formulation sands easily to a smooth surface for even topcoating.

Mix in Order Listed:

	<u>Type</u>	<u>Pounds</u>	<u>Weight %</u>	<u>Supplier</u>
Water		139.88	16.31	
<i>Premix:</i>				
Tributoxy Ethyl Phosphate	Plasticizer	9.80	1.14	Various
15% Active BYK 346	Thickener	13.10	1.50	Byk Chemie
1% Active Zonyl FSN	Leveling Agent	13.06	1.52	Dupont
Diethylene Glycol Ethyl Ether	Coalescent	60.42	7.03	Various
Dehydran 1293	Foam Control Agent	11.40	1.30	Henkel
Syntran 6130 @ 40% N.V.	Acrylic Emulsion	612.34	71.20	Interpolymer
	Yield:	860.00	100.00	

pH: 8.6

Procedure:

- Using good agitation add premix ingredients in the order listed. Mix until a homogenous solution results (20-30 minutes).
- Polymer should be added at a steady rate into the vortex of the batch and allowed to mix for one hour.

**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.

**SYNTRAN® 6130 ACRYLIC POLYMER
SPECIALTY TOP COAT**

WOOD FINISH BASED ON SYNTRAN 6130

Formulation F-43-068-02 29% N.V.

This **SYNTRAN 6130** wood formulation is designed for indoor use and exhibits excellent gloss and durability characteristics for wood floors. The formulation has low odor and cleans up easy with water.

Mix in Order Listed:

	<u>Type</u>	<u>Pounds</u>	<u>Weight %</u>	<u>Supplier</u>
Water		124.43	14.46	
<i>Premix:</i>				
1% Active Zonyl FSN	Leveling Agent	9.90	1.15	Dupont
Diethylene Glycol Ethyl Ether	Coalescent	49.52	5.76	Various
Dehydran 1293	Foam Control Agent	16.51	1.92	Henkel
Syntran 6130	Acrylic Emulsion	284.72	33.11	Interpolymer
Hauthane HD 2209	Polyurethane Dispersion	325.40	37.84	Hauthaway
Syntran 6150	Oxidized Polyethylene Wax Emulsion	49.52	5.76	Interpolymer
	Yield:	<u>860.00</u>	<u>100.00</u>	

pH: 8.6 ± 0.2

Polymer / Polyurethane / Wax Ratio: 46 / 46 / 8

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.