

ESSENTIAL R5865

CONCENTRATED FLOOR FINISH

Essential R5865 is a concentrated floor finish. When cut to 25% solids or less it creates a finish that is non-yellowing, has extremely high gloss, excellent durability and mar resistance. The formulation, which is APEO-free and Phthalate-free, is also low in odor. It is ideal for areas where frequent buffing is not typically performed...schools, offices, retail stores, lobbies, etc.

KEY BENEFITS

- Extremely high gloss
- Scuff resistant
- Quick recoatability
- APEO-free

TYPICAL PROPERTIES*

Appearance	White Opaque Liquid
pH.....	8
Solids, % by Weight	36
Solids, % by Volume	34.4
Specific Gravity	1.05
Viscosity, cP @ 25°C	62
Density, Lbs./Gal.....	8.78
VOC Level (As Supplied)	
%.....	3.51

*These values should not be interpreted as specifications.

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ESSENTIAL R5865

CONCENTRATED FLOOR FINISH

Starting Point Formulation

Materials

Essential R5865
Water

Pounds

694.44 lbs.
305.56 lbs.

TOTAL: 1000.00 Lbs.

Formulation Attributes

- APEO-free
- DBP-free

Solids, % by weight	25%
pH.....	7.7
Viscosity (CPS).....	6.5
VOC %.....	2.46
Wt/gal	8.64 lbs./gal.
Polymer/ASR/Wax.....	88/2/10

Formulation Performance Information

Formulations tested at 25% solids.

Black Tile Gloss Results:

	Degree	Essential	Commercially	CA 25%	CA 25%	CA 25%
	<u>Gloss</u>	<u>Starting Point</u>	<u>Available</u>	<u>Floor Finish 2</u>	<u>Floor Finish 3</u>	<u>Floor Finish 4</u>
		<u>Formulation</u>	<u>25% Floor Finish 1</u>			
1st Coat	60	29	31	32	20	31
	20	6	7	7	4	7
2nd Coat	60	64	72	64	44	62
	20	25	34	25	13	25
3rd Coat	60	83	82	82	62	78
	20	49	53	48	26	43
4th Coat	60	92	85	87	74	84
	20	69	61	58	37	52

Black Heel Mark Resistance:

	Essential	Commercially	CA 25%	CA 25%	CA 25%
	<u>Starting Point</u>	<u>Available</u>	<u>Floor Finish 2</u>	<u>Floor Finish 3</u>	<u>Floor Finish 4</u>
	<u>Formulation</u>	<u>25% Floor Finish 1</u>			
Rating	Excellent	Excellent	Good	Very Good	Very Good

Konig Hardness (1-mil dry):

	Essential
	<u>Starting Point</u>
	<u>Formulation</u>
1 Day	117
7 Day	129