

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.

KEY BENEFITS

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

DISCLAIMER: The information and recommendations contained herein are based on data believed to be correct. The information is offered solely for the customer's consideration, investigation and verification because of numerous factors beyond our control affecting the results of the use of products, Essential Industries, INC. makes no warranty of any kind, expressed or implied, including those of merchantability and fitness for a particular purpose, other than that the product conforms to its applicable current standard specification. The manufacturer's only obligation shall be to replace such quantity of the product proven to be defective.

TYPICAL PROPERTIES*

Appearance	Milky White
pH.....	8.0
Solids, % by Weight	36.0
Viscosity, cps @ 25°C	< 100
Density, lbs/gal	8.8
% VOC	3.5
Freeze/Thaw Stability	Passes 3 cycles
Konig Hardness (secs).....	128

*These values should not be interpreted as specifications.



The Spark of Innovation

Visit us on the web at
www.essentialpolymers.com

28391 Essential Road • P.O. Box 12
Merton, WI 53056-0012
(262) 538-0091 • FAX: (262) 538-1354

ESSENTIAL R5865

CONCENTRATED FLOOR FINISH

Starting Point Formulation

<u>Materials</u>	<u>Pounds</u>
Essential R5865	694.44 lbs.
Water	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:

	<u>Degree Gloss</u>	<u>Essential Starting Point Formulation</u>	<u>Commercially Available 25% Floor Finish 1</u>	<u>CA 25% Floor Finish 2</u>	<u>CA 25% Floor Finish 3</u>	<u>CA 25% Floor Finish 4</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:

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