

ACROFLOR[®] 1000

ACROFLOR 1000 is an acrylic emulsion that provides a high gloss, durable floor coating with excellent resistance to chemicals, water, soil, black heel marking and scuff.

Chemical Nature

Styrene-Acrylic emulsion

Properties

Typical Properties

Appearance		White emulsion
Non-volatile at 145°C (2g, 30 minutes)	%	~ 40
pH (at 25°C)		~ 8.5 – 9.5
Viscosity (at 25°C)	cps	~10 - 30
Density (at 20°C)	lbs/US gal	8.9
MFFT	°C	68-72

*These values should not be interpreted as specifications.

Application

ACROFLOR 1000 is designed for application on commercial floors requiring long-lasting shine with the ability to be easily cleaned. On floors where traffic is high or exposure to cleaners is frequent, floor finishes with **ACROFLOR 1000** will protect and perform throughout cleaning cycles. With ACROFLOR 1000's ability to retain gloss and appearance, floors will require less effort and maintenance to shine.

Formulations can be optimized for a variety of flooring substrates such as vinyl, vinyl composite, terrazzo, and concrete and quarry tile.

Starting Point Formula

The following starting point formulation is recommended for an initial evaluation of ACROFLOR 1000. Additional optimization of the formulations may be desired to achieve maximum suitability for specific applications.

ACROFLOR 1000 DURABLE HIGH GLOSS FLOOR COATING

Materials	Pounds	Gallons
Add the following under agitation:		
Water	285.11	34.19
Hydropalat® WE 3225	0.69	0.08
Diethylene Glycol Ethyl Ether	56.83	6.82
Trisbutoxy Ethyl Phosphate	25.32	3.02
ACROFLOR® 1000	438.73	49.30
ACROFLOR® 10	54.34	6.59
FoamStar® ED 2522	0.08	0.01
TOTAL	861.10	100

Recommend adding 0.01 % Kathon™ CG / ICP biocide for shelf stability. Kathon™ is a registered trademark of Dupont.

FORMULATION ATTRIBUTES

Solids	~24% by wt.
Density	8.61 lb/US gal (calculated)
Polymer/ASR/Wax	93/0/7

Formulation will have a slight milky appearance when applied but dries clear.

Safety

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

Safety Data Sheet

All safety information is provided in the Safety Data Sheet for ACROFLOR 1000.

Storage

Please refer to the "Handling and Storage of Polymer Dispersions" brochure.

Important

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