

# ACROFLOR<sup>®</sup> 1000

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

## Chemical Nature

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

\*These figures should be taken for comparison purposes only. All that can be obtained from it is an idea of the magnitude concerned.

## 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 formulations are 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
<b>Add the following under agitation:</b>		
Water	293.95	35.23
Capstone <sup>1</sup> FS-60 (1% active)	8.91	1.07
Diethylene Glycol Ethyl Ether	53.45	6.47
Eastman TXIB <sup>2</sup>	13.01	1.65
Tributoxy Ethyl Phosphate	23.78	2.80
ACROFLOR <sup>®</sup> 1000	412.34	46.59
ACROFLOR <sup>®</sup> 10	51.04	6.18
FoamStar <sup>®</sup> ED 2522	0.09	0.01
<b>TOTAL</b>	<b>856.56</b>	<b>100.00</b>

<sup>1</sup>Trademark of The Chemours Company TT, LLC

<sup>2</sup>Trademark of Eastman Chemical Company

### FORMULATION ATTRIBUTES

Solids	~25 % by wt
Density	8.57 lb/US Gal (calculated)
Polymer/ASR/Wax	93/0/7

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### 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.

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### Storage

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

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