

AA- 418™

Floor Sealer Polymer

AA-418 styrene-acrylic co-polymer is a non-cross-linked polymer used in the manufacture of permanent sealers for resilient flooring. Sealers prepared from AA-418 styrene-acrylic co-polymer are characterized by excellent adhesion and hold-out. AA-418 also has excellent resistance to plasticizer migration from vinyl and vinyl composition floors. These sealers are typically applied in two coats, and floor polish is then applied in one or more coats over the sealer. Because these sealers resist repeated strip and re-finish maintenance procedures, re-application of the sealer after stripping is normally not required. Sealers based on AA-418 are not considered suitable as a topcoat for foot traffic.

Typical Properties

Appearance:	Milky white emulsion
Solids:	40%
pH:	7.5
Density:	8.6 lbs./gal.
Viscosity:	<300 cps

Starting Point Formula AA-418 S1-18% Solids Floor Sealer:

Use as a base coat sealer on porous, resilient flooring surfaces. Polishes applied over AA-418 S1 will not soak into the floor surface and therefore will build gloss with fewer coats. The sealer is not affected by ordinary stripping solutions. This allows floor polish coats to be removed while leaving the sealer intact. Up to two coats per application are suggested and may be applied within 25-40 minutes drying time depending on solids and ambient conditions.

Item	Components	Weight%	Lbs./100 gal.	Gallons
1	Water	54.77	461.90	55.44
2	Diethylene Glycol Monoethyl Ether	4.69	39.55	4.79
3	Tri-butoxyethyl phosphate	2.99	25.22	2.95
4	PolyFox™ TM-1 fluorosurfactant (30%) ¹	0.05	0.42	0.05
5	Silfoam® SE-21 defoamer ²	0.01	0.08	0.01
6	Proxel® GXL biocide ³	0.10	0.84	0.09
7	AA-418 polymer (40%)	37.39	315.32	36.67

Procedure

With good agitation, add the components in the order listed. After the addition of # 6, allow to mix for 30 minutes before continuing. Add the AA-418 slowly and continue to mix for 15 minutes.

NOTE:

Although data supplied above are believed to be accurate, each user is advised to make his or her own determination as to whether the described product(s) is/are appropriate for a particular use or application, whether such a use will comply with all applicable laws or regulations, or whether such a use will not infringe the intellectual property rights of third parties.

