



# AG H-1000

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## Chemical Resistance

The following chemical resistance spot testing data were obtained from at 70-75 mils film of AG H-1000 in each chemical listed below at 70-75 F for a period of 72-96 hours. Like other industrial maintenance coatings, AG H-1000 has chemical and temperature limitations. Please read the disclaimer below. For chemicals other than those listed below, proper testing must be completed prior to application of the coating system. It is advisable to consult Ultimate Linings Representative.

Chemical Solvents:	
Xylene	4
Toluene	4
Acetone	3/5
2 Methyl Butane	1
MTBE	3/5
Hexane	3/5
Motor Oil	2
Gasoline (unleaded)	1
Diesel	1
Brake Fluid	2
Hydraulic Oil	1
Methanol	4

Acids and Bases:	
Sewage	1
Hydrogen Sulphide gas (H2S gas)	1
Hydrochloric Acid 35%	4
Hydrochloric Acid 10%	1
Hydrochloric Acid 5%	1
Propylene Carbonate	3
Lactic Acid, 45%	2
Phosphoric Acid 10%	1
Ammonium Hydroxide 10%	1
Ammonium Hydroxide 20%	1
Sodium Hydroxide 50%	2
Salt Water (30%)	1
Drinking Water	1
De-ionized Water	1

Acids and Bases:	
Potassium Hydroxide 10%	1
Potassium Hydroxide 20%	2
Sodium Hydroxide 10%	1
Sodium Hydroxide 20%	2
10-30% Sugar/Water	1
Acetic Acid 2%	1
Acetic Acid 5%	1
Acetic Acid 10%	4
Acetic Acid 50%	4
Formic Acid 2%	1
Formic Acid 5%	1
Formic Acid 10%	2

### Chart Keys:

- 1: No visible Damage
- 2: Little visible Damage
- 3: Some effect swelling, discoloration, cracking
- 4: Not recommended
- 5: Satisfactory for splash, spillage and secondary containment (72-96 hours).

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Test performance results were obtained in a controlled environment and AMERAGUARD makes no claim that these tests or any other tests, accurately represent all environments. Application, environmental and design factor can vary significantly, due care should be exercised in the selection and use of the coating.

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