

CHEMICAL RESISTANCE GUIDE

The purpose of this guide is to aid in determining the potential value of Stonblend systems when exposed to the damaging effects of corrosive chemical environments. This guide includes chemical resistance for Stonblend GSI, GSI-G and HDF.

RATING CODE

- E - Excellent
- G - Good
- NR - Not Recommended
- OS - Suitable for use where "occasional spillages" occur, when flushing with water immediately follows.

ACIDS

	RATING
Acetic – 5%	E
Acetic – 10%	G
Acetic – Glacial	NR
Benzoic – Sat. 3%	E
Boric – Sat. 30%.....	E
Butyric – 10%	OS
Chromic – 10%.....	G
Chromic – 20%	OS
Citric – 50%	E
Cresylic	OS
Diglycolic	G
Fatty.....	G
Fluoboric	G
Formic – 10%	OS
Heptanoic	OS
Hydrochloric – 15%	G
Hydrochloric – 37%	OS
Hydrofluoric – 5%	G
Hydrofluoric – 10%	OS
Hypochlorous – 5%	E
Lactic – up to 20%	OS
Maleic – 30%	OS
Maleic – 40%	OS
Nitric – 10%	G
Nitric – 30%.....	OS
Oleic	G
Oxalic – Sat.	E
Perchloric – 35%	OS
Phosphoric – 50%	G
Picric – Sat.	E
Phthalic	G
Succinic – Sat.	E
Sulfuric – 20%	E
Sulfuric – 50%	G
Sulfuric – 70%	OS
Tannic – Sat.	G
Tartanic – Sat.	E

ALKALIES AND SALTS

Stonres systems are rated Good to Excellent when exposed to most alkalies and salts

RATING

SOLVENTS AND OTHER CHEMICALS

	RATING
Acetone	OS
Alcohol (Methyl)	OS
Alcohol (Ethyl, Propyl, Isopropyl, Butyl).....	G
Corn Oil.....	E
Cyclohexane	E
Denatured Alcohol.....	G
Ethylene Glycol.....	E
Gasoline	E

SOLVENTS AND OTHER CHEMICALS

RATING

Glycerine	E
Hydrogen Peroxide – 10%	E
JP5 Jet Fuel.....	E
Juices – Fruit	E
Juices – Vegetable	E
Lard	G
Linseed Oil	E
Methyl Ethyl Ketone	N
Milk	E
Mineral Spirits	E
Naphtha	G
Oils – Cutting	E
Oils – Mineral.....	E
Oils – Vegetable	G
Perchloroethylene	O
Skydrol	E
Sucrose (Sugar) – Sat.	E
Toluene	O
Trichloroethylene	O
Urea	E
Vinegar (Household)	E
Water	E
Wine.....	E
Xylene	G

Note: This data is based on laboratory tests performed under carefully controlled conditions. (All solutions are at ambient temperatures.) No warranty can be expressed nor implied regarding the accuracy of this information, as it will apply to actual plant operation or job site use. Plant operations and job site uses vary widely, and the individual results obtained are affected by the specific conditions encountered, which are beyond our control.

IMPORTANT:

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