



AN ERGONARMOR COMPANY

TECHNICAL INFORMATION

**CHEMICAL RESISTANCE OF CORROSION ENGINEERING BRICK MORTARS**

CER-122 03/99 SUPERSEDES 02/99

CHEMICAL R = RESISTANT C = CONDITIONAL* N = NOT RESISTANT - = NOT TESTED * Contact Corrosion Engineering for specific recommendations	S I L I C A T E M O R T A R S	F U R A L A C C ® G R E E N P A N E L	F U R A L A C C ® F N	A S P L I T ® C N	P H E N O L I C M O R T A R - C A R B O N	P H E N O L I C M O R T A R - S P E C I A L	P E N N C H E M ® M O R T A R	V I N Y L E S T E R C A R B O N	P C N O V O L A C E P O X Y M O R T A R	P T W C E P O X Y G R O U T	F U R A L A C C ® R E D P A N E L
ACETIC ACID, 10%	R	R	R	R	R	R	R	R	C	C	R
ACETIC ACID, GLACIAL	R	R	R	R	R	R	R	R	N	N	R
ALCOHOL, BUTYL	R	R	R	R	R	R	R	R	R	R	R
ALCOHOL, ETHYL	R	R	R	R	N	N	R	R	R	R	R
ALCOHOL, ISOPROPYL	R	R	R	R	R	R	R	R	R	R	R
ALCOHOL, METHYL	R	R	R	R	N	N	R	R	R	C	R
ALUM	R	R	R	R	R	R	R	R	R	R	R
ALUMINUM BROMIDE	R	R	R	R	N	N	R	R	R	R	R
ALUMINUM NITRATE	R	R	R	R	R	R	R	R	R	R	R
AMMONIA, WET, 10% SOLUTION	N	R	R	R	R	R	R	R	R	R	R
AMMONIUM CARBONATE	N	R	R	R	R	R	R	R	R	R	R
AMMONIUM HYDROXIDE, 20%	N	R	R	R	N	N	R	R	R	R	R
AMMONIUM HYDROXIDE, 30%	N	R	R	R	N	N	R	R	R	R	R
AMMONIUM IODIDE	R	R	R	R	R	R	R	R	R	R	R
AMMONIUM SULFATE	R	R	R	R	R	R	R	R	R	R	R
BARIUM SULFATE	R	R	R	R	R	R	R	R	R	R	R
BARIUM SULFIDE	-	R	R	R	N	N	-	R	R	-	R
CALCIUM CHLORIDE	R	R	R	R	R	R	R	R	R	R	R
CALCIUM HYPOCHLORITE	R	N	N	C	N	N	R	R	R	C	N
CALCIUM SULFATE	R	R	R	R	R	R	R	R	R	R	R
CHLORINE DIOXIDE	R	N	N	N	N	N	R	R	N	N	N
CHLORINE GAS, DRY	R	R	R	R	N	N	R	R	C	C	R
CHLORINE GAS, WET	R	R	R	R	N	N	R	R	C	C	R
CHLORINE, WATER	R	R	R	R	R	R	R	R	C	C	R
CHLORO BENZENE	R	R	R	R	R	R	R	R	C	C	R
CHROMIC ACID, to 05%	R	N	N	C	C	C	R	R	C	C	N
CHROMIC ACID, to 10%	R	N	N	N	N	N	R	R	C	C	N
CHROMIC ACID, to 20%	R	N	N	N	N	N	R	R	N	N	N
CHROMIC ACID, to 50%	R	N	N	N	N	N	N	N	N	N	N
COPPER CHLORIDE	R	R	R	R	R	R	R	R	R	R	R
COPPER FLOROBORATE	-	-	-	-	-	-	-	-	-	C	-
CRUDE OIL, SOUR	R	R	R	R	R	R	R	R	R	R	R
CRUDE OIL, SWEET	R	R	R	R	R	R	R	R	R	R	R
CYCLOHEXANE	R	R	R	R	R	R	R	R	C	C	R

CHEMICAL	Silicate Mortars	Furalac Green Panel	Furalac FN	Asplit CN	Phenolic Mortar Carbon	Phenolic Mortar Special	Pennchem Mortar	Vinyl Ester Carbon	PC Novolac Epoxy	PT WC Epoxy	Furalac Red Panel
DIESEL FUEL	R	R	R	R	R	R	R	R	R	R	R
ETHYL ACETATE	R	R	R	R	R	R	R	R	R	C	R
ETHYLENE GLYCOL	R	R	R	R	R	R	R	R	R	R	R
FERRIC CHLORIDE	R	R	R	R	R	R	R	R	R	R	R
FORMALDEHYDE, to 37%	R	R	R	R	R	R	R	R	R	C	R
GASOLINE, REFINED (ALL)	R	R	R	R	R	R	R	R	R	C	R
HYDRAULIC FLUID	R	R	R	R	R	R	R	R	R	C	R
HYDROCHLORIC ACID, to 05%	R	R	R	R	R	R	R	R	R	R	R
HYDROCHLORIC ACID, to 10%	R	R	R	R	R	R	R	R	R	R	R
HYDROCHLORIC ACID, to 15%	R	R	R	R	R	R	R	R	R	C	R
HYDROCHLORIC ACID, to 32%	R	R	R	R	R	R	R	R	R	C	R
HYDROCHLORIC ACID, to 37%	R	N	R	R	R	R	R	R	R	C	N
HYDROFLUORIC ACID, to 20%	N	R	R	R	R	N	N	R	N	N	R
HYDROFLUORIC ACID, to 50%	N	R	R	R	R	N	N	R	N	N	R
HYDROFLUORIC ACID, to 70%	N	N	N	R	R	N	N	R	N	N	N
HYDROGEN PEROXIDE, to 05%	R	N	N	N	N	N	R	R	R	R	N
HYDROGEN PEROXIDE, to 25%	R	N	N	N	N	N	R	R	C	C	N
JET FUEL	R	R	R	R	R	R	R	R	R	R	R
KEROSENE	R	R	R	R	R	R	R	R	R	R	R
LACTIC ACID	R	R	R	R	R	R	R	R	R	R	R
LITHIUM ACETATE	R	R	R	R	R	R	R	R	R	R	R
MAGNESIUM ACETATE	R	R	R	R	R	R	R	R	R	R	R
NITRIC ACID, to 5%	R	R	R	R	N	N	R	R	R	C	R
NITRIC ACID, to 10%	R	R	R	N	N	N	R	R	R	N	R
NITRIC ACID, to 20%	R	N	N	N	N	N	R	R	R	N	N
NITRIC ACID, to 50%	R	N	N	N	N	N	R	R	N	N	N
OLEUM (FUMING SULFURIC ACID)	R	N	N	N	N	R	N	N	N	N	N
PHOSPHORIC ACID, to 85%	R	R	R	R	R	R	R	R	R	C	R
POTASSIUM CARBONATE, to 25%	N	R	R	R	R	R	R	R	R	R	R
POTASSIUM HYDROXIDE, SAT.	N	R	R	R	N	N	R	R	R	R	R
POTASSIUM HYDROXIDE, to 25%	N	R	R	R	N	N	R	R	R	R	R
POTASSIUM HYDROXIDE, to 50%	N	R	R	R	N	N	R	R	R	R	R
POTASSIUM SULFATE	R	R	R	R	R	R	R	R	R	R	R
PROPYLENE GLYCOL	R	R	R	R	R	R	R	R	R	R	R
SILVER NITRATE	R	R	R	R	R	R	R	R	R	R	R
SODIUM CARBONATE	N	R	R	R	N	N	R	R	R	R	R
SODIUM CHLORIDE	R	R	R	R	R	R	R	R	R	R	R
SODIUM HYDROXIDE, to 05%	N	R	R	R	N	N	R	R	R	R	R
SODIUM HYDROXIDE, to 10%	N	R	R	R	N	N	R	R	R	R	R
SODIUM HYDROXIDE, to 15%	N	R	R	R	N	N	R	R	R	R	R
SODIUM HYDROXIDE, to 25%	N	R	R	R	N	N	R	R	R	R	R
SODIUM HYDROXIDE, to 50%	N	R	R	N	N	N	R	R	R	R	R
SODIUM HYPOCHLORITE, to 5 1/4%	N	N	N	N	N	N	R	R	R	C	N
SODIUM HYPOCHLORITE, to 10%	N	N	N	N	N	N	R	R	C	C	N
SODIUM HYPOCHLORITE, to 15%	N	N	N	N	N	N	R	R	C	C	N
SULFUR DIOXIDE GAS, DRY	R	R	R	R	R	R	R	R	R	C	R
SULFUR DIOXIDE GAS, WET	R	R	R	R	R	R	R	R	R	C	R
SULFURIC ACID, to 25%	R	R	R	R	R	R	R	R	R	R	R
SULFURIC ACID, to 50%	R	R	R	R	R	R	R	R	R	C	R
SULFURIC ACID, to 70%	R	R	R	R	R	R	R	R	R	C	R
SULFURIC ACID, to 98%	R	N	N	N	R	R	N	N	R	N	N
TOLUENE	R	R	R	R	R	R	R	R	R	C	R
TRICHLOROETHYLENE	R	R	R	R	R	R	N	N	R	C	R
WATER, DEIONIZED	C	R	R	R	R	R	R	R	R	R	R
WATER, DISTILLED	C	R	R	R	R	R	R	R	R	R	R
WATER, SALT	C	R	R	R	R	R	R	R	R	R	R
XYLENE	R	R	R	R	R	R	R	R	R	C	R
ZINC SULFATE	R	R	R	R	R	R	R	R	R	R	R

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