

PRODUCT INFORMATION

ELASTOCHEM®
SPECIALTY CHEMICALS INC.

ELASTOCHEM® - EPN80

DESCRIPTION

ELASTOCHEM®-EPN80 is a low viscosity, two component, 100% solids epoxy novalac coating. This coating is insensitive to moisture and is very resistant to harsh chemical environments.

PRODUCT USES

This product can be used for coating concrete in containment areas that are exposed to strong acids or bases. It can also be mixed with aggregate to make high strength repair mortars.

Mix Ratio:	Part "A"	Part "B"
By Weight:	100	45
By Volume:	100	50

Packaging:

Sold in Pails and Drums

Storage:

12 Months in unopened containers when stored in a dry location at 50-90°F (10-32°C)

Precautions:

Users must read container labels and Material Safety Data Sheets for health and safety precaution prior to use.

Application:

Substrate must be sound, clean and free of dirt, debris and other contaminants.

PROCESSING DATA

Viscosity Part "A" (cps) @ 70°F	700
Viscosity Part "B" (cps) @ 70°F	800
Mix ratio by volume	2:1
Gel Time (minutes)	30
Recoat Time	1-12 hours

COATING PROPERTIES*

Hardness, Shore	80D	ASTM D-2240
Tensile Strength, (psi)	9000	ASTM D-412
Elongation, ultimate (%)	2.5	ASTM D-412
Water Absorption (%)	0.20	ASTM D-570
Elcometer Adhesion		
• Concrete (psi) (cohesive failure of concrete)	>1325	ASTM D-4541
Izod Impact (ft-lbs/in)	0.95	ASTM D-256

*Note: this data is based on laboratory tests, application conditions and methods may affect these values.

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