



THERMAL - CORROSION - FIRE - CHEMICAL
TOTAL ASSET PROTECTION



NANSULATE® ADVANCED INDUSTRIAL PRODUCTS

NANSULATE® EPX4 AND NANSULATE® EPXK
 Water-based Epoxy Systems

Premier Industrial Insulation System

Patented Technology

**A Unique High Performance Epoxy System
 That Combines:**

THERMAL RESISTANCE

CHEMICAL RESISTANCE

CORROSION RESISTANCE

(Part of complete system w/ Nansulate® PT or High Heat)

**FLAME RESISTANCE
 (EPX4 only)**

Features

- Excellent severe service thermal insulation performance
- Outstanding corrosion resistance - when used as complete system with Nansulate® PT or High Heat
- Excellent chemical resistance (resistant to acids, bases, and fuels)
- Exceptional flame resistance (EPX4 only)
- Non-toxic, water-based
- Severe service durability
- Provides consistent, long-term energy savings
- Excellent insulation for high humidity environments
- Good sag resistance
- Low odor
- Low VOC (60 grams/L)

Chemical Plants



Pipelines and Tanks



Manufacturing Plants



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NANSULATE.COM

PRODUCT GUIDE

SKU#	Color	Description	Packaging (both)	Weight (both)
EPX4_2GK	Teal	Nansulate® EPX4 2-gallon Kit	Part A in 2-gallon pail	not less than 11.5 lbs.
EPXK_2GK	Blue	Nansulate® EPXK 2-gallon Kit	Part B in 1-gallon pail	not less than 2.9 lbs.
EPX4_5GK	Teal	Nansulate® EPX4 5-gallon Kit	Part A in 5-gallon pail	not less than 29 .0 lbs.
EPXK_5GK	Blue	Nansulate® EPXK 5-gallon Kit	Part B in 1-gallon pail	not less than 7.3 lbs.

EPX Technical Data

Touch Dry:	3 hours
Hard Dry (return to service):	24 to 48 hours
Typical thickness range:	1/8" to 1" per coat
Theoretical coverage:	@ 1/8" - 24 s.f. per gallon
Chemical Resistance:	Resistant to Acids, Bases, Fuels
Tensile Strength (ASTM D2370):	3500 psi, 24000 kpa
Abrasion Resistance:	Hard
VOC	60 grams/litre
Pot Life:	2 hours

CHEMICAL RESISTANCE TO SPILLAGE: (for fully cured films)

10% Acetic Acid	Toluene
Bleach	Deionized Water
Ethanol	50% Sodium Hydroxide
95% Sulphuric Acid	Xylene
Hydrocarbons/Fuels/Oils	5% Lactic Acid



Ecologically Friendly Energy Saving Saves Money Chemical Resistant Flame Resistant

For More Information:

US & Canada: 800-767-3998

International: 1-239-254-0346

or visit our website

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Nansulate® EPX Is the Star of the Show at the 25th International Textile Machinery Expo

Dr. Vedat Bilgin of Kolorgen Ltd reports...

"At the exhibition, people were amazed to see a 140°C (252°F) temperature difference with just a 6 millimeter thickness of EPX. The hot plate temperature was 200°C (392°F) and the surface temperature of the thin metal panel coated with Nansulate EPX and placed on it was less than 60°C (140°F). The performance of EPX is beyond belief! The higher temperature stability of EPX opens up higher temperature (application) using markets such as glass, ceramic, cement, petrochemicals, etc. I personally believe that we can decrease the world's energy demand significantly, just by using Nansulate, wherever applicable. You really have great minds over there."



NANSULATE® EPX

Patented Technology

Another fine product developed by

