Freezer Patch NP128
Technical Data

ARTIC FORMULATION EPOXY MORTAR PATCH KIT

PRODUCT DESCRIPTION:
NP128 is a three component 100% solids epoxy mortar designed for applications where temperatures are as low as minus 10 degrees F. (-10°F)

RECOMMENDED FOR:
Recommended for cold storage areas, freezers or general outdoor patching in the winter.

NOT RECOMMENDED FOR:
Immersion applications for acids and chemicals.

SOLIDS BY WEIGHT:
100%

VOLATILE ORGANIC CONTENT:
zero pounds per gallon

COLORS AVAILABLE:
This product is available as a natural un-pigmented product only.

RECOMMENDED THICKNESS:
1/8" to 1/4"

COVERAGE PER KIT:
5.98 sq. ft. @ 1/4" and 11.96 sq. ft. @ 1/8"
PACKAGING CUBIC FEET
kit .125 (approx)
*KIT= 2.0# for part A, 0.90# for part B, and 13# aggregate. (Larger size kits are not available because of the short pot life, all weights are approximate)

MIX RATIO:
*UNIT= .21 gallons part A to .10 gallons part B plus 13# aggregate (weight and volumes approximate)

SHELF LIFE:
2 years in unopened containers

ABRASION RESISTANCE:
Excellent

VISCOSITY:
Part A= 900-1000 cps, Part B= 200 cps maximum

CURE SCHEDULE: (70°)
pot life (.125 cu. ft. mix)…….. 2-4 minutes
recoat or topcoat……. 1-2 hours
light foot traffic……. 2-4 hours
full cure (heavy traffic) ……..…… 1-3 days
*traffic serviceable…….....12 hours @ 30°F

APPLICATION TEMPERATURE:
-10-40 degrees F

CHEMICAL RESISTANCE:

REAGENT	RATING
xyleneC	
1,1,1trichloroethane	C
MEK	A
methanol	A
ethyl alcohol	C
skydrol	A
10% sodium hydroxide	D
50% sodium hydroxide	D
10% sulfuric acid	C
70% sulfuric acid	A
10% HC1 (aq)	C
5% acetic acid	B

Rating key: A - not recommended, B - 2 hour term splash spill, C - 8 hour term splash spill, D - 72 hour immersion, E - long term immersion. NOTE: extensive chemical resistance information is available through your sales representative.

PRIMER:
None required

TOPCOAT:
None required

DOT CLASSIFICATIONS:
Part A&C “not regulated”
Part B “CORROSIVE LIQUID N.O.S., 8, UN1760,PGIII”

FLEXURAL STRENGTH:
15,000 psi @ ASTM D790

COMPRESSIVE STRENGTH:
11,000 psi @ ASTM D695

TENSILE STRENGTH:
8,900 psi @ ASTM D638

ULTIMATE ELONGATION:
3.4%

IMPACT RESISTANCE:
Excellent

HEAT DEFLECTION TEMP.:
56.0 degrees F @ ASTM D648

WEATHERING:
Good (chalks)

LIMITATIONS:
Color stability may be affected by environmental conditions such as high humidity or chemical exposure.

Product is not UV color stable and may discolor if exposed to lighting such as sodium vapor lights.

Colors may vary from batch to batch due to variations in the silica filler.

Substrates must be dry and free of ice.

All new concrete must be cured for at least 30 days prior to application.

See reverse side for application instructions.

Test data based on neat resin.

Physical properties are typical values and not specifications.

See reverse side for limitations of our liability and warranty.

WARNING! This product has a very short pot life, mix only an amount of material that can be used in the prescribed pot life. Work must be performed in a quick and organized manner.