



<http://www.atekfc.com>

Your best partner

01/2010

POLYTOP LP

Sprayable to low pressure and low temperature

Description

POLYTOP LP is two component, zero VOC's (Volatile Organic Compound), 100% solid. POLYTOP LP is able to spray coating with low pressure and low temperature condition. POLYTOP LP may be applied directly to most substrates, and where adhesion is critical a primer may be used.

Use

- For waterproof coating on concrete and wood structures.(Airport ,apartment,water tank, all most concrete structures)
- For wall decoration area.
- For multi purpose protection coating.

Features

- Zero VOC's (100% solid).
- Possible spray low pressure, and low temperature condition.
- Cures at -25°F to 300°F.
- Excellent resistance to Thermal Shock .
- Excellent resistance to solvent .
- Excellent resistance to oil and acid(chemical).
- Excellent bond strength to properly prepared surfaces.

Technical data

(Wet properties)

Appearance	liquid
Specific gravity (25°C)	"A" 1.12±0.1 "B" 1.02±0.1
Viscosity(cps)	"A" 1800±100 "B" 600±100
Thermal stability	0°C to 50°C
Shelf life(10-40°C) (Unopened containers)	6months

(Processing properties)

Gel time	-
Tack free time	25-30min
Recoat	0-12

(Dry properties)

Tensile strength ASTM D 412	700±100 psi
Elongation	450±50%
Hardness (Shore)	75-85 (A)
Tear strength	55±10 N/mm
Abrasion resistance (1kg ,1000rev)	55mg(CS-17)
Impact resistance (Thickness 1mm)	Above1.0kg.m

(Chemical resistance)

10%-Sulfuric acid	Not change
30%-Sodiumchloride	Not change
30%-Sodiumhydroxide	Not change
50%-Sodiumhydroxide	Not change
Diesel	Not change
Salt water resistance	Not change



<http://www.atekfc.com>

Your best partner

01/2010

Application

- Mix ratio 1:1 , It must use spraying equipment for polyurea. And keep the pressure minimum 500-1000psi without heating.
- These include ATEK ,GRACO , SPI company product . And Gun models include GRACO ,SPI company product for polyurea spraying.
- Component "B" must be mixed each day ,while to spray.
- Thinning is not required.
- You check the "SSPC" before start spraying.

Caution

- Store in warm place preventing from freezing. Contents should not be exposed for a long time .
- In case of contact with skin and eyes ,flush immediately with plenty of water and seek medical advice.
- For further information , see the Material Safety Data Sheet.

Packing

- POLYTOP LP "A" is available in 200L steel drums and "B" is in 200L steel drums.



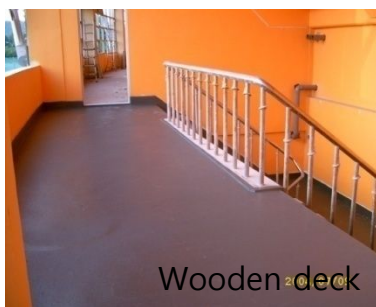
Fish pond



Small space coating



Sculpture



Wooden deck



Roof water proof



Steel box

More additional information or technical questions . Please contact our company

ATEK FINE CHEMICAL CO., LTD

Head office & Factory :, 362-10 Byongmyeong-dong Heungdeok-gu Chongju-si Chungcheongbuk-do Korea

☎ (82-43)-266-1985(Rep) (Fax) (82-43)-266-1987

Factory(2) :☎ (82-43)-532-1985 (Fax) (82-43)-532-1987

R&D Center:☎ (82-43)-266-1986 (Fax) (82-43)-266-1983