

# PROTECH FIRE RETARDANT POLYUREA



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for product guide

**Fast-curing polyurea with fire retardant to apply as floor and waterproofing coating**

**PROTECH FIRE RETARDANT POLYUREA** is satisfied with fire retardant standards of UL 94 V-0 (USA) and DIN 4102-1 CLASS B2 (Germany). It is floor and waterproofing coating whose main component is fire retardant powder and prevents fire from spreading.

## Recommended use

Flooring, waterproofing and anti-corrosive application on concrete structures requiring fire retardant such as apartment, hyper supermarket, department store, factory, etc.



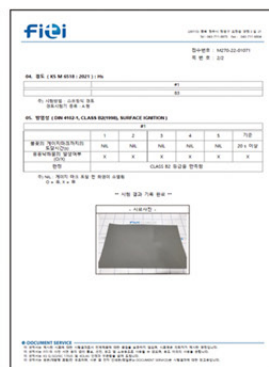
**In case of fire, it prevents fire from spreading by suppressing combustion**

Paint type	Polyurea / intermediate coating (2k)
Specific gravity / SVR	Approx.1.1 / 99%
Theoretical Coverage	1.1 kg/m <sup>2</sup> (based on 1mm)
Color	Gray, Black
Mixing ratio	base(A) / hardener(B) = 100 / 100(vol)
Tensile strength	More than 10N/mm <sup>2</sup>
Tear strength	More than 50N/mm
Elongation rate	More than 300%
Hardeness	More than Shore A 80
Package	410 kg [A :210 kg & B :200 kg]

## \* Test Report

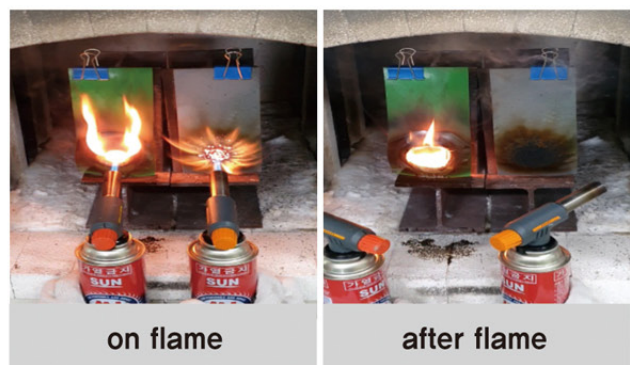


Physical property report



Fire retardant report

## \* Fire retardant test



\* Left green panel : General Polyurea

\* Right gray panel : PROTECH FIRE RETARDANT POLYUREA