

FIRE KEEPER (MATTE)



Flame-resistant oil-based clear DFL-100F

※ This product cannot be used inside multi-use facilities or apartments with more than 100 households under The Indoor Air Quality Control /

Fire Keeper (Matte) flame-resistant oil-based clear DFL-100F product is a foaming flame-resistant paint made mainly of chlorinated rubber resin. It is a special functional paint that is mainly applied on flammable materials such as plywood, wood, etc. and has an effect of preventing or delaying combustion of wood at the onset of a fire.

Usage

Inside buildings veneer, medium density fiberboard (MDF), and wood that require a flame retardant function
Flame retardant treatment for veneer and wood in special areas designated by Presidential Decree.

Specification

Paint type	Chlorinated rubber system			
Drying time	Category	5°C	25°C	30°C
	Dry-hard		4 hours	
	Time required for re-coating (min.)		2 hours	
Thinner	Flame-resistant paint thinner	Dilution ratio	Up to 20% depending on the painting tool	
Specific gravity	Approx. 1.1	Type approval No.	YUM 16-6	
Theoretical Coverage	4.2 m ² /ℓ	Solid volume ratio	Approx. 44±1	
Re-coating interval	25°C, sufficient ventilation for a minimum of 2 hours	Thickness of dried film	105μm (3~4 coats recommended)	
Color	Transparent	Gloss	Matte	

Product Properties (Physical Property Data)

Flame-resistant performance	Flame-resistant performance is excellent, thereby maintaining semi-permanent flame-resistant performance.
Workability	Workability is excellent due to its quick-drying ability, and the dry film appearance is superior.
Durability	Water resistance and durability are excellent.
Professionalism	Flame-resistant paint is recognized as flame retardant treatment only when applied by a registered fire retardant treatment business among firefighting facilities businesses.

How to Use

Surface treatment	1. Completely remove oil, moisture and foreign substances from the surface.
Coating Method	1. Sufficiently stir before use. 2. Apply 3 times or more after sufficiently stirring by adding designated thinner up to 20% depending on the coating equipment. (Paint using only flame retardant paint without using a separate primer.) 3. Upon re-coating following the primary coating, apply after completely drying for at least 2 hours at 25°C . 4. The amount of dough (D,F,T) should be 105μm (0.105mm) or more.

NOROO 노루페인트