



FLAMECHECK SVH-250

I. GENERAL INTRODUCTION

FLAMECHECK SVH-250 is designed to prevent the effects of fire on buildings, having excellent features to slow down the effects of fire and heat. This is a protective layer that creates a barrier between the flame and the surface of the material, made specifically for structural steel, increasing the fire resistance, heat of steel up to 3 hours.

II. USAGE

Used as indoor coatings for structural steel (columns/beams)

III. PROCEDURE

1. Surface preparation

The surface must be free of rust, grease and other contaminants.

2. Construction environment conditions

Air temperature: 5~35°C

Humidity: less than 80%

3. Equipments

Pressure sprayers, brushes, rollers, etc.

4. Caution

- a) Do not mix with other paint products.
- b) Avoid contact with eyes and skin.
- c) When working with pre-painted surfaces, contact our technical department for instructions.
- d) Stir before application (1/2H.P, over 1000 RPM)
- e) Store under the roof at a temperature of 5 ~ 38°C.
- f) Keep out of reach of children.

5. Warning

Please read the instructions carefully before using.

PHYSICAL DATA		
Finish	Flat	
Color	White	
Substrate	Structural Steel	
Components	1	
Solid Ratio	70±4%	
Storage time	12 months (When stored in warehouse at 5~38°C)	
Flash point	30°C	
Thinner	Super thinner 200	
Packing Unit	18L	
Dry time (W.F.T 1 mm)		
	5±1°C	25±1°C
Set to touch	1 hour	30minutes
Hard Dry	24 hours	12 hours
Completely dry	48 hours	30 hours
New layer coating	48 hours	24 hours

Fire resistance time (minutes)	Recommended dry film thickness	Number of coating	Theoretical coverage
30	200 µm	1	0.29 l/m ²
45	250 µm	1	0.36 l/m ²
60	300 µm	1	0.43 l/ m ²
90	500 µm	1	0.71 l/ m ²
120	800 µm	1~2	1.14 l/m ²
150	1000 µm	2	1.43 l/m ²
180	1300 µm	2~3	1.86 l/ m ²