



1. Brush, Roller



Advantages

Easy to work

Cost - effective

Low Loss , about 10-15%

Disadvantages

Using a lot of workers

Surface not smooth

Using a lot of workers

2. Airless Spray



Advantages

Smooth Surface

Requires fewer worker

Fast work

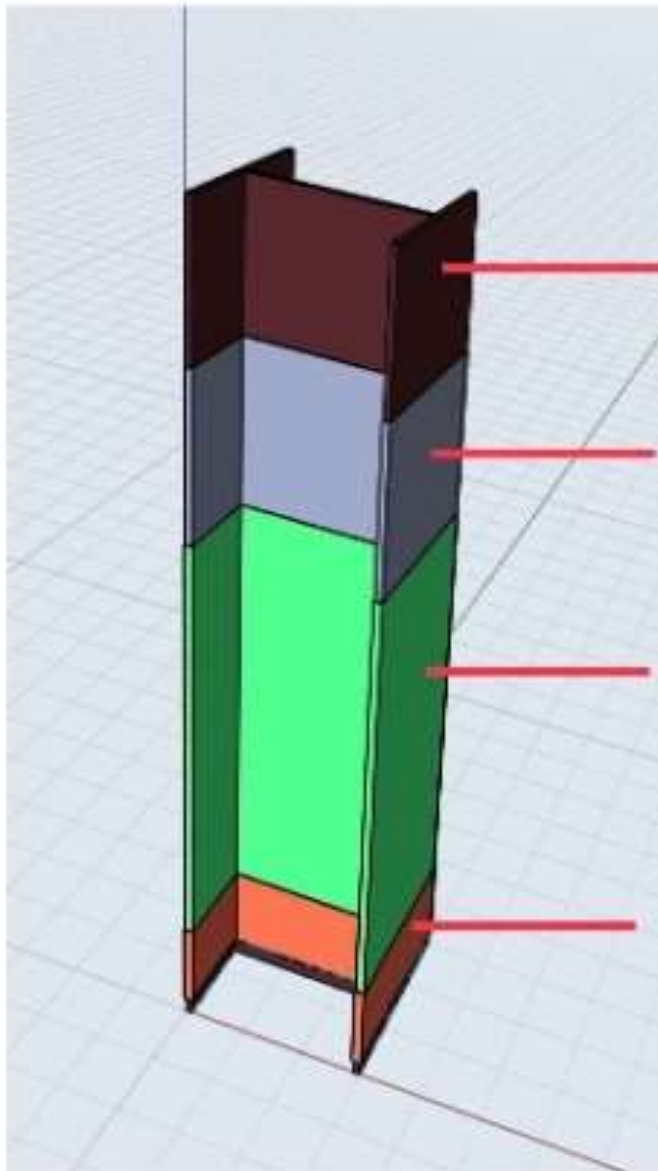
Disadvantages

High Cost

Specialize Workers

High Loss , about 40%

Wore Procedure



Steel Beam

**1st Coat
Epoxy Primer Coat**

**2nd Coat
Fireproof Coat**

**3rd Coat
PU Topcoat**

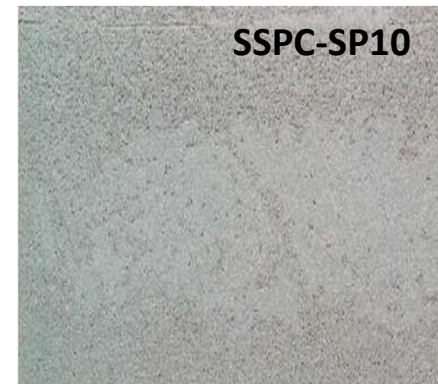


Surface Preperation

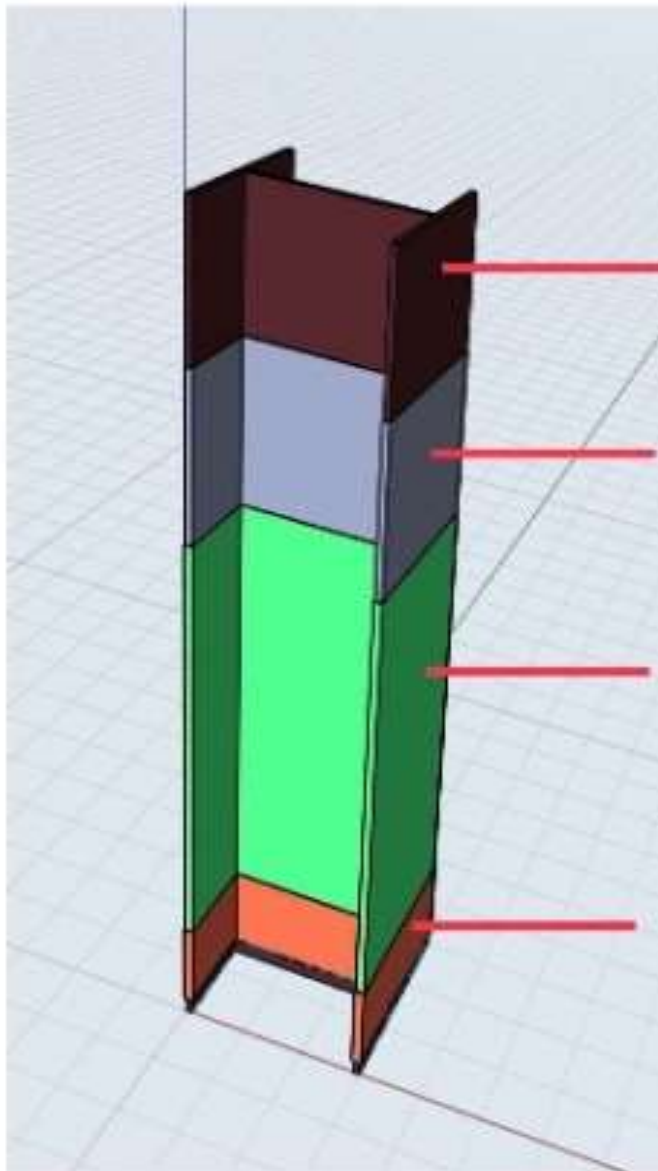
1. Sandblast According to SSPC-SP10 Standard (Near White)

OR

2. Remove all rust , oil , dirt and dust according to SSPC-SP2 (Hand Tool Cleaning)



Wore Procedure



Steel Beam

**1st Coat
Epoxy Primer Coat**

**2nd Coat
Fireproof Coat**

**3rd Coat
PU Topcoat**

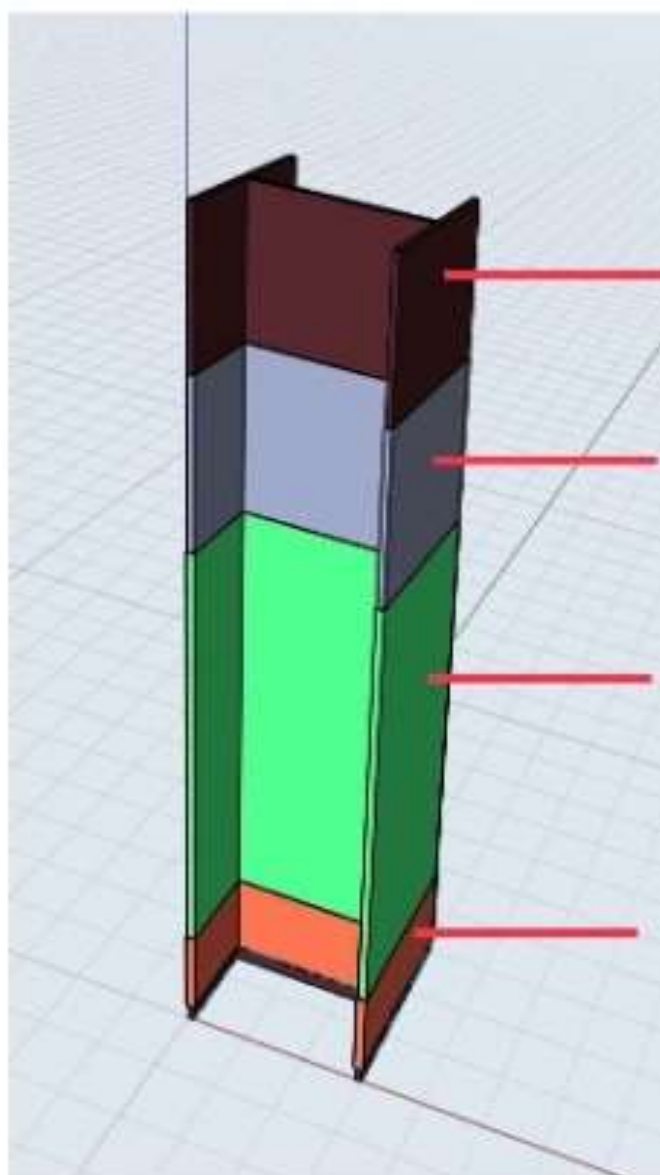


Superguard Colour – SS

Epoxy for primer coat

Dry Film Thickness	50 microns
Color	Grey
Application	Spray / Roller
Mixing Ratio	A : B = 4 : 1
Thinning	Thinner 4k No.65 (Epoxy Thinner) 10 - 15%
Dry to touch	3-4 Hrs. @ 30 °C
Painting Interval	6-8 Hrs. (Over Night)
Coverage Area	10-12 sq.m / Ltr. @50 microns

Wore Procedure



Steel Beam

**1st Coat
Epoxy Primer Coat**

**2nd Coat
Fireproof Coat**

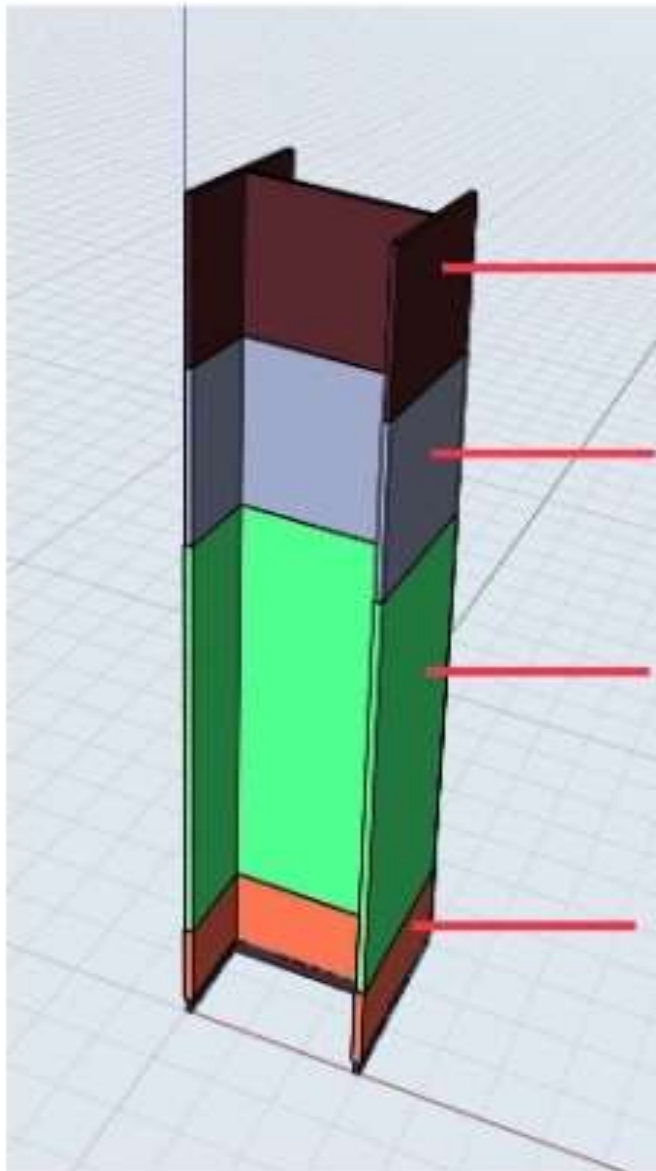
**3rd Coat
PU Topcoat**

Neocoat Intumescent

Intumescent Fireproofing coat

Dry Film Thickness	500 microns
Color	Grey / White
Application	Spray / Roller
Mixing Ratio	-
Thinning	Thinner 4k No.10 (Fireproof Thinner) 10% -15%
Dry to touch	1-2 Hrs. @ 30 °C
Painting Interval	24-48 Hrs.
Coverage Area	1 Sq.m. / 1 Kg @ 500 Microns

Wore Procedure



Steel Beam

**1st Coat
Epoxy Primer Coat**

**2nd Coat
Fireproof Coat**

**3rd Coat
PU Topcoat**



Superguard PU 777 H

Polyurethane Topcoat

Dry Film Thickness	50 microns
Color	According to color card (RAL Color)
Application	Spray / Roller
Mixing Ratio	A : B = 4 : 1
Thinning	Thinner 4k No.920 (PU Thinner) 5-10%
Dry to touch	45-60 min @ 30 °C
Painting Interval	6-8 Hrs. (Over night)
Coverage Area	10 sq.m / Ltr. @50 microns

uniQ^{ue}
p r o d u c t s

THANK YOU