

---

# HIGH SOLID NON-SKID EPOXY FOR STEEL WALK WAYS

---

## Parsiseal 4774HS

### DESCRIPTION

\* Two component high solid, high build and low VOC epoxy coating, with some imparted flexibility to cope tension arising at structures such as walk ways. It is tolerant to remaining moisture at surfaces .

### USES

\* As non-skid paint for walk ways at different steel structure .  
\* As high thickness Primer/ Intermediate / Top coat at different anti corrosive paint system or as a single coat for protective steel structures in harsh environments.

### FEATURES

\* Anti corrosive at high thickness.  
\* Nonskid with silica incorporation.  
\* Surface tolerancy to remaining moisture .

### TECHNICAL DATA

<b>Finish</b>	Egg shell to matt
<b>Colour</b>	Grey ( others, upon request)
<b>Specific gravity ( at 20 °C , Mix )</b>	1.55± 0.05 ( gr/cc )
<b>Volume solid</b>	75
<b>Recommended DFT</b>	100 - 500 per coat
<b>Flash point</b>	35 °C
<b>Shelf life ( at 20 °C )</b>	12 months
<b>Package</b>	20 Liters, others on request

### SURFACE PREPARATION

1 - Remove any dust , rust , oil & moisture .  
2 - Abrasive blasting up to SA 2½ ( ISO 850 1-1:1955) .

### PAINT SYSTEMS & APPLICATION INSTRUCTIONS FOR WALK WAYS

1 - Apply two coats, each 200-250 mic . Carefully consider recoating interval .  
2- Immediately scatter the supplied silica aggregate on fresh and wet surface of second coat.  
3- Next day, remove all additional silica and clean the surface.  
4- Apply another coat of 4774HS at 200-250 mic.  
5- Apply a special aliphatic polyurethane as top coat at 50-100 mic (optional, but recommended )

### RECOMMENDED PAINT SYSTEMS FOR MAINTENCE

<b>P1</b> : 7411, 4424 ( Optional )	50-70	micron
<b>P2</b> : 4774HS	<b>100 - 200</b>	micron
<b>I</b> : 4774HS	<b>100 - 200</b>	micron
<b>T</b> : 4774HS	<b>100 - 200</b>	micron



# HIGH SOLID NON-SKID EPOXY FOR STEEL WALK WAYS

## Parsiseal 4774HS

### APPLICATION DATA

Method	Air spray, airless ,( roller and brush, just for small area) for walk way it has been described at first page.		
Cleaner	T - 404		
Mixing ratio by weight	100 : 13.64	<b>Base : 22 kg + Hardener : 3 kg</b>	
Pot life ( at 20 °C )	1.5 hrs		

#### Theoretical Coverage :

Dry film thickness (mic)	100	150	200
Coverage ( m <sup>2</sup> / lit )	7.50	5.00	3.75
Coverage ( m <sup>2</sup> / kg )	4.84	3.23	2.42

Touch dry ( 400 mic , 20 °C )	8 hrs
Fully Cured ( 400 mic , 20 °C )	7 days

- At higher dry film thickness and lower temperature, drying time will be longer.

#### Recoating interval :

Surface temperature	10°C	20°C	30°C
Min. Interval ( hrs )	30	16	8
Max. Interval ( days )	10	6	3

- It is highly recommended to meet recoating interval times strictly . **See note G**
- \* Check all equipments are dust, oil and moisture free. If needed , flush with cleaner thinner.
- \* It is recommended to use the paint with the temperature above 15°C, otherwise in cold seasons to reach the application viscosity it is recommended to keep the paint at a warmed up storage at least 3 days before use.
- \* Stir the paint well by a forced mixer before use and add the entire hardener to it and mix it again up to get a homogenous mixture.
- \* After surface preparation follow up bellows:
- \* Immediately scatter the supplied silica aggregate on fresh and wet surface of second coat.
- \* Next day, remove all additional silica and clean the surface.
- \* Apply another coat of 4774HS at 200-250 mic.
- \* Apply a special aliphatic polyurethane as top coat at 50-100 mic (optional, but recommended )

#### The given data could be adjusted by applicator in practical situation by his own actual trial.

	Pump Ratio	Orifice	Tip Range	Thinner (vol%)
Air less	> 45 :1 preferably 68:1	23 - 45 (mic)	323 - 445 , 545	Max. 1 %
Brush / Roller	only for inaccessible areas			

### APPLICATION INSTRUCTIONS FOR WALK WAYS

### SURFACE TEMPERATURE SAFETY

Must be at least 3°C above dew point, apply the coats when surface temperature is from 10°C to 40°C. Please consult Parsifam if the substrate temperature is lower or higher.

- ▲ Due to high flammability , keep away the paints from heat , sparks and flames.
- ▲ Avoid contact the paints with eyes and skin.
- ▲ Use mask and gloves and provide suitable ventilation for the reasons of health and safety.

### REMARKS :

The information submitted in this data sheet is based on our best current knowledge and experience. The ultimate performance of this coating is quite related to performance of surface preparation, application procedure and conditions that limits our liability to the figures of submitted technical and application data .