

SOLVENT FREE URETHANE TAR PRIMER

black

32°c

25°c

25 °c

100%

2 hrs

12 hrs

7 days

300 - 400 microns $1.5 \pm 0.08 \text{gr/cm}^3$

3.3 m²/lit (at 300 µ d.f.t)

Product information

- 1-Suitable for internal sewage pipes.
- 2-Excellent corrosion resistance.
- 3-Good chemical resistance.
- 4-Good abrasion resistance.
- 5-Excellent adhesion to steel and concrete.
- 6-Impact resistance.

Physical data

Colour: Finish:

Flash point: resin:

cure: solvent:

Volume solids:

D.F.T: Specific gravity(mixed): Theoretical coverage:

Drying time at 25°c: touch dry:

dry to handle:

full cure:

Component:

Pot life:

Mixing ratio(by volume):

resin:

refer to can label

cure:

refer to can label

30 minutes at 25 °c:

Application methods:

airless spray, hot airless spray

Recoat intervals*:

25°c

40°c

(mild condition): Min:

10°c 16 hrs

6 hrs

3 hrs

48 hrs

24 hrs

12 hrs

Recommended thinner:

Recommended cleaner:

FARCO CLEAN 81

Curing mechanism:

by solvent release and reaction by curing

agent and resin

steel, concrete

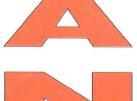
*: For recoating the surface should be free of dust ,grease and contamination .

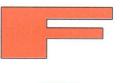
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Typical uses

This product is recommended for long time protection of structural steel and concrete in severe corrosive and immersed environments.

Typical areas are sewage pipelines of steel and concrete.

Application information

This Rangan Far's product is a solvent free urethane tar primer coating. To obtain the maximum performance for which this product is formulated strict adherence to all application instructions, precautions, conditions and limitations is necessary.

Application equipment

The following equipment is listed as a guide and suitable equipment from other manufactures may be used adjustments of pressure and change of tip size may be needed to obtain the proper spray characteristics:

- 1- Airless spray: standard airless spray equipment having a 28:1 or higher pump ratio and a fluid tip with a 0.4 to 0.9 mm orifice
- 2-Mixer: use power mixer powered by an air motor or an explosion proof electric motor.
- 3-Hot airless spray.

Caution

- 1-Handle with care.
- 2-Before and during use ,observe all safety labels on packaging and paint containers.
- 3-Harmful or fatal if swallowed, immediately seek medical assistance.
- 4-Always take precautions against the fire and explosions.
- 5-Use with adequate ventilation.
- 6-Don't empty into drains.

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Application procedures

- 1-Flush equipment with cleaner before use.
- 2-Stir resin to an even consistency with a power mixer.
- 3-Add cure to resin and continue stirring for 5 minutes. Note: since the pot life is limited and shortened by high Temperatures ,do not mix more material than will be used
- 4- Stir during application to maintain uniformity of material and apply a wet coat in even parallel passes.
- 5-Clean all equipment with cleaner immediately after use.

Environmental condition

In 30 minutes at 25 °c.

Environmental temperature must be 10-40°c Surface temperature must be at least 3°c above dew point to prevent condensation. At freezing temperature surface must be free of ice and relative humidity below 80 %.

Surface preparation

The surface must be clean and dry . All dirt , grease , Mill scale and any other foreign material should be Removed. Blasting to standard Sa 2.5 - sa3, sis 05 5900, iso 8501-1.

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