



SOLVENT FREE URETHANE TAR PRIMER

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:	black
Finish:	flat
Flash point:	
resin:	32°C
cure:	25°C
solvent:	25 °C
Volume solids:	100%
D.F.T:	300 - 400 microns
Specific gravity(mixed):	1.5 ± 0.08gr/cm ³
Theoretical coverage:	3.3 m ² /lit (at 300 µ d.f.t)
Drying time at 25°C:	
touch dry:	2 hrs
dry to handle:	12 hrs
full cure:	7 days
Component:	2
Pot life:	30 minutes at 25 °C:
Mixing ratio(by volume):	
resin:	refer to can label
cure:	refer to can label
Application methods:	airless spray, hot airless spray
Recoat intervals*:	10°C 25°C 40°C
(mild condition) : Min:	16 hrs 6 hrs 3 hrs
Max:	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
Substrate:	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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RANGAN FAR CO.
MANUFACTURER OF INDUSTRIAL PAINTS

FARCO PRIME 810

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
In 30 minutes at 25 °C .
- 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

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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