RANACHEM
رانا کیمیا فام (سهامی خاص)

FAST DRYING ALKYD TOP COAT

RANA 733 TF

Product information

1-Good drying properties even at low temperatures.

2-Easy application by brush with excellent flow ,giving

a smooth eggshell appearance.

3-Good adhesion to anticorrosive primers and old paints systems.

4-Especially formulated for maintenance work by brush or roller.

5-fast drying

Physical data

Colour:	customer request
Finish:	gloss –semi gloss
Flash point:	30 $^{\circ}c$
Volume solids:	54 ±2%
D.f.t:	35-40 microns
Specific gravity:	1.17 ± 0.05gr/cm^3
Theoretical coverage:	15.4 m^2 /lit (at 35 µ d.f.t)
Drying time at 25 $^{\circ}c$:	
touch dry:	2-5 minute
Dry to handle:	15-20 minute
full cure:	4 days
Component:	1
Application methods:	conventional spray or brush or roller
Recommended thinner:	RANA THINN 70
Recommended cleaner:	RANA CLEAN 70
Shelf life:	6 months when stored indoors in unopened Original containers at 5 to 40 $^{\circ}c$ (cool and dry place).
Curing mechanism:	by solvent release and chemical reaction with o_2
Substrate:	steel - Brass

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Typical uses

As a general purpose fast drying alkyd paint systems
on exterior and interior steel work .
in mildly to moderately corrosive environment.
Not suitable for exposure in strong alkaline conditions.

Application information

This RANA CHEM's product is a fast drying alkyd based coating
for industrial use.
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-Conventional spray:industrial equipment with suitable
 aircap having a fluid tip with a 1.4-1.6mm orifice .
3-Mixer.
4-Brush.

Caution

1-Handle with care.
2-Avoid inhalation of possible solvent vapours or
paint mist,as well as paint contact with skin and eyes.
3-Apply only in well ventilated areas and ensure that
adequate forced ventilation exists when applying paint

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in confined spaces or when the air is stagnant.
4-Always take precautions against the risks of fire and explosions.
5-Don't empty into drains and take precautionary measures against static discharges.
6-Harmful or fatal if swallowed,immediately seek medical assistance.

Application procedure

1-Flush equipment with recommended cleaner before use.
2-Stir paint for 5 minutes.
3-For spray,thin only as needed for workability.
4-Apply a wet coat in even, parallel passes.overlap each pass 50% to avoid bare areas,pinholes or holidays.
5-Small damaged or bare areas and random pinholes or holidays can be touched up by brush.
6-Clean all equipment with recommended cleaner immediately after use.

Environmental condition

Environmental temperature must be 10-40$^{\circ c}$.
surface temperature must be at least 3$^{\circ c}$ 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 and other foreign materials ` should be removed .