RANACHEM
رانا کیمیا فام (سهامی خاص)

AIR DRYING ALKYD COATING

RANA 733 T

Product information

1-Good weather resistance.

2-Can be applied over intact alkyd paints.

3-Fast drying.

4-Good filling and sanding down properties.

5-Good resistant to salt water,oil splashes.

6-Easily applied by brush,roller and spray.

Physical data

Colour:	customer request
Finish:	gloss
Flash point:	28 °c
Volume solids:	48±2%
D.f.t:	30-40 microns
Specific gravity:	1.22 ± 0.05gr/cm^3
Theoretical coverage:	9.6 m^2 /lit (at 50 µ d.f.t)
Drying time at 25 °c:	
Touch dry :	4 hrs
Dry to handle :	8hrs
Full cure:	7 days
Component:	1
Application methods:	conventional spray or brush or Airless spray or roller

Recoat intervals*:	10 °c	25 °c	40 °c
(mild condition) : Min:	30 hrs	12 hrs	6 hrs
**Max:	NONE	NONE	NONE

**Maximum Recoat: Unlimited. Must have a clean, dry surface for top coating."Loose" chalk or salts must be removed in accordance with good painting practice. Drying time is temperature, humidity, and fi lm thickness dependent

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Recommended thinner:	RANA THINN 70
Recommended cleaner:	RANA CLEAN 70
Shelf life:	12 months when stored indoors in unopened Original containers at 5 to 40 °c (cool and dry Place).
Curing mechanism:	by solvent release and chemical reaction with o_2
Substrate:	primed steel

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

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Typical uses

As a general purpose finishing coat ,interior and
exterior ,on decks ,stairways ,cat walks, etc;
In mildly to moderately corrosive environment.

Application information

This RANA CHEM's product is an alkyd based coating
for industrial and marine 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-Airless spray:standard airless spray equipment having
a 28:1 or higher pump ratio and a fluid tip with a 0.28 to 0.33 mm
orifice.
2-Conventional spray:industrial equipment such 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

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adequate forced ventilation exists when applying paint
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°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 and other
foreign materials ` should be removed .old primed surface
must be smoothly wire brushed.