

# BAKING ACRYLIC COAT

## RANA 653 T

### Product information

- 1-Excellent resistance to atmospheric exposure and water.
- 2-Non chalking, no yellowing.
- 3-Tough and abrasion resistant.
- 4-Resistant to splash of mineral and vegetable oils, white spirit, paraffin and aliphatic petroleum products.
- 5-Can be applied by airless spray, roller and brush.

### Physical data

Colour:	Customer request
Finish:	gloss
Flash point:	28 °C
Volume solids:	40 ±2%
D.f.t:	30 - 40 microns
Specific gravity:	0.97 ± 0.05gr/cm <sup>3</sup>
Theoretical coverage:	13.30 m <sup>2</sup> /lit (at 30 µ d.f.t)
Baking condition:	
Flushing time:	10 minutes
Stoving time:	20 - 30 minutes
Stoving temp.	140 °C – 160 °C
Component:	1
Application methods:	conventional spray or brush or roller
Recommended thinner:	RANA THINN 65
Recommended cleaner :	RANA CLEAN 65
Shelf life:	6 months when stored indoors in unopened Original containers at 5 to 40 °C (cool and dry Place).
Curing mechanism:	by solvent release and cure on heat
Substrate:	Steel

# BAKING ACRYLIC COAT

## RANA 653 T

### Typical uses

As a glossy ,finishing coat for interior and exterior in mildly to moderately corrosive environment on structures free of sharp edge and crevices.

### Application information

This RANA CHEM's product is an acrylic coating which has excellent resistance to water and atmospheric exposure and chemical compound.

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 .
- 2- brush and roller.

### 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 in confined spaces or when the air is stagnant.

## BAKING ACRYLIC COAT

### RANA 653 T

4-Always take precautions against the risks of fire and explosions.

5-Harmful or fatal if swallowed,immediately seek medical assistance.

6-use fresh air masks and explosion proof equipment.

### 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

All dirt, grease and other foreign materials ` should be removed with wire brushing , washing with water and detergent and then phosphatizing or chromating surface .