KEN THANE 500 CLEAR

PRODUCT DATA SHEET Polyurethane Clear Coat

DESCRIPTION

A two components acrylic aliphatic polyurethane gloss finish clear coat.

PRINCIPAL CHARACTERISTICS

- Excellent gloss and colour retention.
- Outstanding weather resistance with excellent colour and gloss retention.
- Resistance to broad range of corrosive atmospheres.
- Excellent resistance to atmospheric exposure.
- Hard, tough and abrasion resistance.
- Good resistance to splash and spillage of acids, alkalis, salt solutions and aliphatic petroleum products.
- Can be recoated even after long atmospheric exposure.

RECOMMENDED USE

As deluxe finishing coat on a wide variety of any substrate especially industrial atmosphere.

SPECIFICATION DATA

Gloss	High Gloss
Colour	Clear.
Specific grafity	1.1± 0.5 kg/litre.
Solid by volume	65 ± 2 %.
Recommended Coverage theoretical	Dry film thickness : 100 - 150 microns. 7m^2 / litre – 100 microns.: 4,67 m^2 / litre – 150 microns
Dry time	
Full cure	7 days.
Painting interval	Min : 12 hours ; max : unlimited.
VOC	Max. 366 g/litre.
Flash point (DIN 53213)	27^{0}C for base and 38^{0}C for hardener
Pot life	6 hours (after mixing the components).
Shelf life	12 months (cool and dry place)

SURFACE PREPARATION

Refer to specific instructions for primer and intermediate coats being used for application. All previous coats must be clean and dry. Old coating system must be roughened, cleaned and dry.

CONDITION OF APPLICATION

Temperature: minimum 5^0C ; maximum 50^0C.
Relative humidity: maximum 85%.
Substrate temperature should be at least 3^0C above dew point.

INSTRUCTION FOR USE

- Mixing ratio by volume: Base; Hardener = 4 :1
- The temperature of the mixed base and hardener should be above 15^0C,
  otherwise
  extra solvent may be required to obtain application viscosity.
- Stir well before use preferable by means of mechanical mixer.
  Thinner
  should be added after mixing the components.
- Too much solvent result in lower sag resistance and slower cure.
- Thinner should be added after mixing components.

APPLICATION DETAILS

Method of application	Airless spray	Air Spray	Roller/brush
Thinner No.	KEN TH 016	KEN TH 016	KEN TH 016
Volumer of thinner	Max. 10%	Max 15%	Max. 5%
Nozzle orifice	0.018 (0.46 mm)	1.5-2 mm	-
Nozzle pressure	150 Bar (2100 psi)	3-4 Bar / 57 psi	-
Cleaning solvent	KEN TH 011	-	-

SAFETY PRECAUTION

Keep away from heat, spark and open flames. Avoid breathing of vapour on skin and eye contact. Keep container closed and store in cool, ventilated area when not in use. Proper ventilation and protective measures must be provided during mixing, application and drying, to keep vapour concentration within safe limits and to protect against toxic hazard. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interior and building.