

ISOTROL FINISH

DESCRIPTION

ISOTROL FINISH is an air-drying high gloss topcoat.

RECOMMENDED USES

Maintenance and repainting of iron, metal sheets and steel constructions outdoor and indoor.

Recommended as a topcoat for exterior surfaces of tanks, steel bridges, masts, buildings and vehicles.

Rusty or previously painted surfaces are primed with Isotrol Klarlack Grund. Isoguard Pansar is recommended as an intermediate coat.

Maintenance of heritage: please contact Introteknik AB.

TECHNICAL DATA

Binder type

Modified alkyd

Solids volume

50 ± 2 % by volume

Density

1,1 – 1,2 kg/l depending of colour shade

Typical film thickness

40 – 100 microns dry film

80 – 200 microns wet film

Theoretical coverage

10 m²/l at 50 microns dry film

Overcoating intervals

at 50 µm dry film

Time to Recoat by itself without grinding	+ 10°C	+23°C	+35°C
	Either before 6 h or after 48 h	Either before 4 h or after 24 h	Either before 4 h or after 16 h

After exceeding the overcoating interval, the surface must be roughened or lightly grinded.

Colour

RAL, NCS, SSG, BS

Gloss

High gloss

Application

Airless spray, paint brush or roller

Flash point

+36° C

Thinner

Teknosolv 1621

Cleaning

White spirit

Storage

Cool and dry. Temperatures above +5°C

Transport

Temperatures 5–40°C

Packaging

0,9, 9 litre

VOC

400 g/l

If diluted with 25 % thinner 496_g/l

APPLICATION DATA

Surface Preparation

Remove oil, grease, soluble salts, loose rust and loose old painting by appropriate means.

The choice of pretreatment method is made regarding the size, structure and condition of the surface. Rust must be primed.

Rusty surfaces with older paintings:

Manual remove all loose paint and rust to a cleanliness degree of St2 according to ISO 8501-1 followed by high pressure cleaning, or

High pressure waterblasting up to +70°C and 800 bar.

Painted surfaces without rust and painting in good conditions:

High pressure cleaning or alkaline cleaning is sufficient in most cases.

Some material which are difficult to paint may requires priming with the special adhesion primer Isobett in order to achieve good adhesion.

Maintenance of heritage, please contact Introteknik for especially design paint systems.

Application

Mix the paint thoroughly before use. Make sure no sediment of pigments remains at the bottom.

For best result use brush around rivets, joints, bolts etc. before painting of the whole surface

At airless spray, nozzle 0,013"-0,018", 120-140 bar.

If needed, dilution 0-15 %.

Application conditions

The surface to be painted must be dry. The temperature of the ambient air, surface or paint should not fall below + 5°C, or raise above +40°C, during application and drying. The paint should not be of a lower temperature than +15°C. Relative humidity should not exceed 80 %. The surface temperature of the steel should remain at least 3°C above the dew point.

Priming

Isotrol Klarlack Grund, Isotrol Takgrund or Isobett

Intermediate coat

Isoguard Pansar is recommended as barrier coat

Safety instructions

Further information about hazardous influences and protection, see safety data sheet