

ISOTROL PRIMER (KLARLACK GRUND)

DESCRIPTION	Highly penetrating linseed oil alkyd-based clearcoat primer
RECOMMENDED USES	<p>Primer for maintenance and repainting of iron, steel sheets and constructions</p> <p>Isotrol Primer is surface tolerant and has excellent penetrating properties and are therefore recommended especially for objects that are hard to clean for example lattice structures, overlaps, fasteners and gaps. Also on surfaces where of some reason you don't want to remove earlier paints such as for example red-lead which cause harm to the environment if not properly collected when removed.</p> <p>Also used for temporary prevention of re-rusting of a sandblasted surface (Sa2½, Sa3).</p> <p>For cultural heritage, please contact Introteknik for special paint systems</p>
TECHNICAL DATA	
Binder	Linseed oil alkyd
Solids volume	47 ± 2 %
Density	0,9 ± 0,02 kg/l
Viscosity	28 ± 2 sec (Ford Cup 4)
Flash point	> +33°C
Typical film thickness	to saturation. Usually 20 – 50 µm wet film. When overcoating with Isomastic, excess is wiped off
Theoretical coverage	15-25 m ² /l
Drying time	Overcoating after 8 h at 23°C for alkyd type paints Minimum drying time for overcoating with Isomastic is 24 h if excess is wiped off
Colour	Clear
Gloss	Semi-gloss
Painting	Airless spray, roller, brush
Storage and transport	0°C - 40°C
Packaging	1, 4 and 20 litres
Thinner	White spirits
VOC	460 ± 20 g/l Comment: category "binding product"

APPLICATION DATA

Pretreatment

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.

Application

Mix the paint thoroughly before use.

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

Recommended nozzle is 0.011"-0.0015" at airless spray application.

Sufficient thickness for overcoating by alkyd type paints is when the dry surface is glossy. Apply an additional layer if necessary (heavily rusted surfaces).

Surfaces to be overcoated with Isomastic: excess of Isotrol Primer Grund must wiped off and dried minimum 24 h!

Nozzle at airless spray:
0,011 – 0,017

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.

Intermediate coating

Isoguard Pansar or Isomastic are recommended

Topcoat

Isotrol Finish, Isoguard Pansar, Isoguard Aluminium or Isodur

Safety instructions

Contains solvents. Do not inhale or ingest.

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