



NANOSIGN® COATEX SHIELD

2K durable anti-graffiti coating

- Dirt repelling and easy to clean
- Excellent hardness, scratch and wear resistant
- Excellent adhesion on a wide variety of surfaces
- Exceptional resistant to chemicals and solvents

NANOSIGN® COATEX SHIELD

DESCRIPTION

A two-component coating based on nanotechnology (polyether siloxanes with UV additives). Particularly suitable for surfaces requiring durable protection against atmospheric influences and graffiti.

RECOMMENDED USE

NanoSign-Coatex Shield is a durable protection system resistant to atmospheric influences. Suitable surfaces: bare and coated anodised metals, stainless steel, solid core sheets, and coated surfaces.

Very suitable as an anti-graffiti coating due to its superb chemical and solvent resistance.

Do not use on thermoplastic and epoxy surfaces.

TECHNICAL DATA

Density (g/cm ³):	1,0 kg/l
Solids content in volume:	60%
Mixing Ratio:	Basis: Hardener = 4: 1 (volume)

DRY TIMES BY 20° C/RH 50%

Touch dry:	3 hours
Dry to handle:	3 hours
Dry to recoat:	16 hours
Fully cured:	7 days
Pot Life:	3 hours (20°C)

RECOMMENDED WET FILM THICKNESS

25 - 35 µm

RECOMMENDED DRY FILM THICKNESS

15 – 22 µm

THEORETICAL CONSUMPTION

With a dry film thickness of 15 µm: 40 m² / liter

PRACTICAL CONSUMPTION

The actual consumption is dependent on the surface and the application method.

DIRECTIONS FOR USE

Apply NanoSign-Coatex Shield to a dry, clean, grease-free, and dirt-free surface in a closed layer.

Apply the product using a brush, spray gun, or short-haired roller.

Apply in one treatment, see also consumption.

Vigorously mix A and B components in the correct proportion until a homogeneous mixture is obtained.

Do not dilute NanoSign-Coatex Shield.

REMOVE GRAFFITI

Topper and/or Topper Gel

HVLP

Pressure: As provided by the system

Nozzle opening: 0.8 to 1.0 mm

Visc: ready-to-use, do not dilute

Pneumatic system

Pressure: 2 to 3 bar

Nozzle opening: 0.8 to 1.1 mm

Visc: ready-to-use, do not dilute

Air mix

Material pressure: 100 to 150 bar

Atomising pressure: 2 to 4 bar

Nozzle opening: 0.031 to 0.025 inches

Visc: ready-to-use, do not dilute.

APPLICATION CONDITIONS

Minimum ambient temperature : 10°C

Maximum relative humidity : 80%

Minimum surface temperature : 10°C

Maximum surface temperature: 35 °C

CLEANING OF EQUIPMENT / SPILLS

Isopropyl Alcohol with thinner if dried out.

SAFETY DATA

VOC level: 275 g/l

VOC category: A/j

VOC limit: 500 g/l

SHELF LIFE

Can be kept for a minimum of 12 months from the date of delivery when stored in a dry environment at a temperature between 0 °C and 30 °C in the unopened original packaging.

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Available colours & pack sizes: Please refer to the respective product page on www.rust-oleum.eu for an overview of actual available colours and pack sizes.

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