

DEK STANDARD ENGINEERING INSTRUCTION

Title

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PAINT: "Dek Black Primer"

DSF214

PAINT MANUFACTURER

New Guard Coatings Ltd

Reference: OOE 53 Guard Protection Primer

DESCRIPTION

A single pack metal conditioner based on Phenolic/P.V.B. Resins pigmented with Zinc Chromate, (excluding White which contains Zinc Phosphate).

PRINCIPAL CHARACTERISTICS

- Application by brush, spray or dip.
- Good anti corrosive properties onto a properly prepared metal substrate, providing protection for periods up to six months.
- Combines pre-treatment and priming for both ferrous and non-ferrous metals.
- Exceptional adhesion.
- Compatible with most paint systems, ie: Alkyd, Chlorinated Rubber, Epoxy and Polyurethane.
- No health risk associated with the welding and cutting of metals coated with Guard.
- A high temperature version of Guard is also available in black - (information available on request).

APPROVALS

- North of England Industrial Health Service
- Welding and Flame Cutting of Steel Plate primed with this Product. Report No. 2056/123/82 (Copy available on request, valid until 06.03.92).

PACK SIZE

5 - 25 Litre Containers

PROPERTIES

Solids Content by Volume:	15% (Approximate)
Mass Density:	Depending on Colour 0.87 - 0.97
Recommended Dry Film Thickness:	12.5 - 15 Microns
Theoretical Spreading Rate:	12 - 10ms/Litre
Drying Time:	10 - 15 Minutes at 25 Deg C (Can be force dried)
Min Interval before Coating:	2 - 3 Hours
Max Interval before Overcoating:	No Limitations
Shelf Life (Cool Dry Place):	6 Months
Flash Point:	Below 22 Deg C

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RECOMMENDED SUBSTRATE CONDITION

All surfaces must be free from millscale, dirt and grease, otherwise the bonding action of Guard may be retarded leading to poor adhesion. Non-ferrous metals must be lightly abraded/sweep blasted and thoroughly degreased.

INSTRUCTIONS FOR USE

Airless Spray: Recommended Thinner/Cleaning Solvent G1 ID
Volume of Thinner: Supplied at correct viscosity
Nozzle Orifice: 0.013" - 0.015"
Nozzle Pressure: 2000 PSI

CONVENTIONAL SPRAY

Recommended Thinner
Cleaning Solvent: G1 Thinner or G1 ID Thinner if a faster drying time is desired.
Volume of Thinner: Up to 50%
Nozzle Orifice: 0.070"
Nozzle Pressure: 40/60 PSI

BRUSH/ROLLER

Recommended Thinner: G1 Thinner
Volume of Thinner: 10 - 15%

SAFETY PRECAUTIONS

- Ensure adequate ventilation during use.
- Avoid naked lights.
- Keep all Products away from Children.
- Avoid contact with eyes and skin.
- Remove splashes on skin immediately with water or proprietary hand cleaner.
- If accidentally swallowed, do not induce vomiting, give water, or preferably milk, and seek medical attention.

Product Safety Data Sheets for both Primer and GI Thinners are available on request.

MINIMUM VENTILATION AIR QUANTITY REQUIRED FOR:

1 Litre of Paint:

- a) To reach 10% L.E.L. 150m³
b) To reach T.L.V. 2300m³

1 Litre of GI Thinner:

- a) To reach 10% L.E.L. 220m³
b) To reach T.L.V. 2750m³

Further Safety Information available on request.

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SOURCE OF SUPPLY

Manufacturer:

New Guard Coatings Limited
Sandbeck Way,
WETHERBY
West Yorkshire
LS22 4DN

Distributor:

Walton Alloys
Units 1 & 2
Whitting Valley Road
Whittington
CHESTERFIELD
Derbyshire
S41 9EY

ADDITIONAL COLOURS AVAILABLE

- Red Oxide (0446)
- Light Grey (7078)
- Dark Grey (7676)
- White (00 E 55)

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