



Nu-Klad 826

Single pack urethane alkyd floor paint

Product Data/ Application Instructions

- **Fast drying**
- **Fast application by roller**
- **EPA compliant (1998) as a top coat**
- **Compatible with most existing floor paints**

Typical Uses

Floor coating for light to medium duty industrial floors. Suitable for use on dry concrete, stone, brick, metal or wooden floors. Typical applications include: factories, garages, warehouses, showrooms. For heavy duty applications consult your Ameron Representative.

Surface Preparation

CONCRETE - New concrete must be well cured with a moisture content below 5%. Lightly abrasive blast clean to remove all laitence, and surface glaze. Seal the surface with a wash coat of Nu-Klad 826 thinned up to 10% by volume with Amercoat 15 thinner prior to application of a full coat.

METAL AND WOOD - The surface should be suitably primed prior to application.

NOTE - The surface must be dry and free of dust, salts, grease and other contaminants immediately before coating.

Physical Data

| | |
|---------------------------|--|
| Appearance when dry | glossy |
| Colour | RAL1014, RAL 3009, RAL 5009, RAL 6028, RAL 7004 and RAL 7012 |
| Components | 1 |
| Volume solids | 47±2% |
| VOC | 410 g/l |
| Curing mechanism | solvent release and reaction with oxygen from the air |

typical minimum maximum

| | | | |
|---|---|----|-----|
| Dry film thickness (µm) | 40 | 25 | 65 |
| Wet film thickness (µm) | 85 | 53 | 138 |
| (Wet film thicknesses quoted are theoretical for one roller coat) | | | |
| Theoretical coverage | 11.8 m ² /l (at typical dft) | | |
| Specific gravity | approx 1.2 kg/l | | |
| Flash points(closed cup) | | | |
| Nu-klad 826 | 40°C/104°F | | |
| Amercoat 15 | 38°C/100°F | | |

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Mixing

Stir thoroughly before use until the product is uniform throughout.

Application Methods

ROLLER - Apply evenly making sure the coating is not rolled out too far.

BRUSH - Apply evenly using a clean, well loaded brush.

AIRLESS SPRAY - Tip size 15-17 thou' (0.38-0.43mm). Pressure at tip 2800 psi (200 kg/square centimetre).

CONVENTIONAL SPRAY - Thin as necessary with up to 10% by volume of the recommended thinner. Use a compressed air spray gun, with 40-60 psi supply.

Overcoating

Can be overcoated with itself if necessary.

Application Data

Substrate concrete, primed steel or primed wood

Application methods roller, brush, airless spray, conventional spray

Potlife (at 20°C/68°F) not applicable

Environmental Conditions

Relative humidity: up to 90%

Surface temperature: minimum: 7°C/45°F
maximum: 30°C/86°F

The surface temperature must also be at least 3°C/5°F above dew point.

Drying Characteristics °C/°F

| Temperature | 10/50 | 20/68 | 30/86 |
|--------------------------|----------|----------|----------|
| Touch dry | 2 hours | 1 hour | 30 mins. |
| Hard dry | 24 hours | 16 hours | 8 hours |
| Full cure | 10 days | 7 days | 5 days |
| Overcoating (minimum) | 32 hours | 16 hours | 8 hours |
| Overcoating (maximum) | - | - | - |

NOTE: drying and curing times are dependent on air and steel temperature, applied film thickness, ventilation and other environmental conditions. Times are shorter at higher temperatures and longer at lower temperatures

Thinner Amercoat 15

Cleaner Amercoat 15

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Application procedure

1. Flush equipment with recommended cleaner before use.
2. Stir the contents of the can to an even consistency with a power mixer.
3. Thinning is normally not required for airless spray. For conventional spray, thin only as needed for workability, with up to 10% by volume of the recommended thinner.
4. Stir during application to maintain uniformity of material. Apply a wet even coat in parallel passes. Overlap each pass 50% to avoid bare areas, pinholes or holidays.
5. Double coat all rough spots, sharp edges corners, and all rivets and bolts on steel substrates.
6. Application at 85 µm wet film thickness will normally provide 40 µm dry film.
7. Check thickness of dry coating with a suitable dry film thickness gauge. If less than specified thickness, apply additional material as needed.
8. Small damaged or bare areas and random pinholes or holidays can be touched up by brush. Repair larger areas either by spray, brush or roller.
9. In confined areas ventilate with clean air during application and drying until all solvents are removed. Temperature and humidity of ventilating air must be such that moisture condensation will not form on surface.
10. Clean all equipment with the recommended cleaner immediately after use or at least at the end of each working day or shift

Before using the product, read the label on the can and consult the material safety data sheet.

Shipping Data

| | |
|-----------------------|--|
| Pack size | 5 litres |
| Shipping weight | approx. 7 kg |
| Shelf life | 1 year from shipment date when stored indoors in unopened, original containers at 5 to 40°C (41 to 104°F). |

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Safety

Since improper use and handling can be hazardous to health and cause of fire or explosion, safety precautions included with Product Data/Application Instruction and Material Safety Data Sheet must be observed during all storage, handling, use and drying periods.

Warranty

Ameron warrants its products to be free from defects in material and workmanship. Ameron's sole obligations and Buyer's exclusive remedy in connection with the products shall be limited, at Ameron's option, to either replacement of products not conforming this warranty or credit to Buyer's account in the invoiced amount of the non-conforming products. Any claim under this warranty must be made by Buyer to Ameron in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify Ameron of such non-conformance as required herein shall bar Buyer from recovery under this warranty.

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To avoid any confusion that may arise through translation into other languages, the English version of the Product Data/Application Instructions will be the governing literature and must be referred to in case of deviations with product literature in other languages.

Condition of Sale

All our transactions are subject to our Terms and Conditions of Sale.