

Product Data Sheet

GARDALL[®] 2000 ANTI GRAFFITI

HIGH PERFORMANCE 2-PACK ACRYLIC URETHANE
NON-SACRIFICIAL ANTI-GRAFFITI COATING

DESCRIPTION

- A non-sacrificial coating to protect surfaces from graffiti vandalism
- Ideal for use on municipal structures, bridge-works, schools, shopping centres etc
- Formulated on a combination of hydroxy-functional acrylic and aliphatic polyurethane that provides outstanding durability, chemical and solvent resistance.

BENEFITS

- Excellent resistance to solvents, hydrocarbons, petrol, hydraulic fluid, ketones, oils and chemicals.
- Forms a hard gloss finish.
- Has excellent durability and colour retention.
- U V resistant
- Able to cure at temperatures above 10°C. [Refer to *Instructions for Use* below.]

RECOMMENDED USE

- Concrete, masonry, mild steel, aluminium, all wood surfaces, tin plate and rigid plastics.
- Areas that are subject to high abrasion, solvent and chemical attack.
- Areas where a durable high performance coating is required.

BASIC DATA

- **APPLICATION** Preferred Airless Spray but can be applied by roller or brush.
- **MIXING RATIO:** 4 parts by volume of Part A to 1 part by volume of Part B.
- **RECOAT:** Allow **4 hours** between coats **at 25°C**. Allow more time at lower temperatures.
- **DRY TIME:** Tack – free in 1–3 hours depending on ambient conditions
- **POT LIFE:** Approximately **4 hours at 25°C**. Pot life can be significantly reduced as temperature increases - **do not mix more material than can be used within the pot life. Do not use material that has been mixed for more than 4 hours, even if still liquid.** New mixes should not be added to old mixes.
- **AVAILABILITY:** Available in 4L, 10L, 20L packs in clear and a range of specified colours.
- **COVERAGE:** Apply at the rate of 8-10 square metres per litre per coat.
- **SHELF LIFE:** At least 2 years when stored in a cool dry environment. Do not store on a concrete surface or where condensation of moisture is possible.
- **CLEAN UP:** Use Gardall[®] 2000 Solvent to clean spraying equipment, brushes and roller. Hard to clean brushes and rollers and any left over Gardall[®] 2000 should be disposed of via special waste collection. Do not pour left over paint down drains.

SURFACE PREPARATION

- All surfaces must be dry and clean, free from any contaminants such as oil and grease, laitance, mould release agents or curing agents.
- Light abrasive blasting is preferred and is essential for preparation of surfaces with loose or flaking paint.
- Check for adverse effects on existing sound painted surfaces, including adhesion.
- New concrete - blowholes must be filled prior to application of primers.
- **Recoating Aged Surfaces** - Should it become necessary to re-apply Gardall[®] 2000, the previously treated surface should be lightly sand blasted or otherwise abraded to provide a mechanical key.
 - The surface should be wiped over with a suitable solvent to enable adhesion of the new coat of Gardall[®] 2000.
 - It is recommended that an adhesion test be carried out to determine that adequate adhesion can be obtained otherwise it will be necessary to remove the old coating before rectification can proceed.

INSTRUCTIONS FOR USE

Please Read Material Safety Data Sheet Before Use

- **Gardall[®] 2000** should be applied as a three coat system:
 - Apply Gardall[®] Anti Graffiti Primer at the rate of 8–10 square metres per litre and allow to cure for 24 hours before applying the Anti Graffiti coating.
 - Apply 2 coats of Gardall[®] 2000 at 8-10 square metres per litre to give a total dry film thickness of 100 microns minimum, not including the primer.
 - Allow 4 hours between coats (at 25°C).
- Roller application - if applying by roller, care must be taken not to induce bubbles by over-rolling. It is important to achieve a uniform film thickness free from pinholes, etc.
 - Overlapping should be avoided by finishing entire wall or panel surfaces in one continuous operation, that is, do not stop midway, finish at the edge of a wall or panel.
- **APPLICATION PRECAUTIONS**
Gardall[®] 2000 Anti Graffiti Coating should not be applied if:
 - **the ambient temperature is below 10°C (or is anticipated to fall below 10°C during the curing period) or above 35°C** – note: if applied at temperatures between 10°C and 15°C, the curing time will be retarded resulting in extended recoat times;
 - **if rain is anticipated within 12 hours;**
 - **the relative humidity is above 85%;**
 - **the surface temperature of the substrate is less than 3°C above the dew point or is higher than 40°C;**
 - **the substrate is wet or damp.**
 - Substrate moisture should be confirmed using a moisture meter and humidity and surface temperature confirmed using suitable test equipment.
- Graffiti should be removed as soon as possible using Graffiti Solv or Gardall[®] 2000 Graffiti Remover EF – prolonged exposure will make removal more difficult, requiring 2 or 3 applications. Refer to Product Data Sheet.

GRAFFITI REMOVAL

- To remove graffiti we recommend the use of Graffiti Solv graffiti remover or Gardall[®] Graffiti Remover EF.
- Apply the graffiti remover liberally with a brush, non-atomising sprayer or swab.
- Allow 5-10 minutes contact time for the remover to take effect and soften the graffiti.
- Using a stiff brush, in a circular motion, loosen the graffiti from the surface.
- Wash the surface with a pressure cleaner or using water from a hose before the remover dries.
- Reapply remover for difficult or old graffiti or if shadowing occurs.

SAFETY

- **Ensure adequate ventilation during use.**
- **Protective clothing must be worn.**
- Avoid breathing vapour or mist – wear an organic vapour respirator.
- Avoid contact with skin and eyes by using gloves and eye protection when pouring, mixing and using Gardall[®] 2000.
- Keep away from sources of ignition or naked flame.
- **FIRST AID:**
 - If swallowed, DO NOT induce vomiting – give a glass of water and seek immediate medical assistance.
 - If in eyes, rinse with lots of water for at least 15 minutes – seek medical assistance.
 - If skin contact occurs, wash with warm soapy water – contact a doctor of irritation persists.