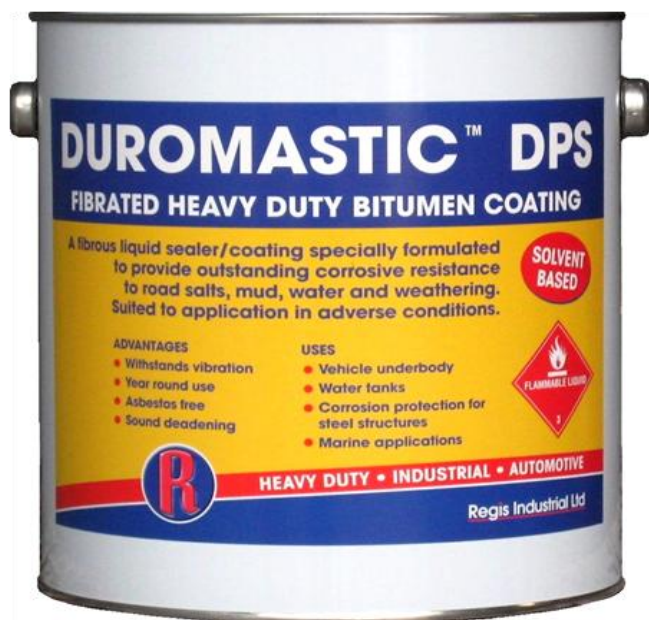


Duromastic™ DPS

BITUMEN VEHICLE UNDERSEAL COATING

Revised Aug 2014



DESCRIPTION

Duromastic DPS is a thick, dark, fibre-reinforced coating specially formulated to provide outstanding corrosive resistance to salts, water, mud and weathering.

ADVANTAGES

- Withstands vehicle vibration and impact from flying stones.
- Provides sound deadening on metal surfaces.
- Quick drying.
- Excellent adhesion to prepared surfaces.
- Reinforced with synthetic fibre.
- Flexible and resilient.

USES

- Undersealing and seam sealing of motor vehicles and trailers.
- Corrosion protection to metal surfaces in marine environments.
- Protection of agricultural equipment and steel structures.
- Sound deadening in steel buildings.

SPECIFICATION CLAUSE

Metal surfaces so designated shall be coated with Duromastic DPS bitumen coating as supplied by Regis Coatings. The coating should be applied in 2 coats at a coverage rate heavier than 4 m²/litre per coat in accordance with the Regis Coatings current product data sheet.

APPLICATION INSTRUCTIONS

Surface Preparation

All surfaces shall be clean and free from dust, dirt, oil, grease, moss and loose material. Steam cleaning may be required.

Coating Application

Apply with suitable airless spraying equipment, eg. Graco 30:1 ratio pump, 55-65 psi recommended with reversible nozzle.

For small scale usage use a bitumen underseal spray gun, or apply by brush.

Thin as required with White Spirits or similar solvent to achieve a suitable spraying consistency.

Apply at least 2 heavy coats. Allow to set and dry between coats.

Overcoating

Allow 24 hours between coats. Duromastic DPS can also be overcoated with Gilsonite Aluminium for increased weather and UV protection.

Drying time: Two hours @ 18°C

Recoat time: 24 hours

Finish colour: Black

Weather resistance: Very good

Application temperature: Between 5°C and 30°C

Toxicity: Non-toxic after fully cured

PACKAGING

Duromastic DPS is available in 4 litre and 20 litre steel containers.

COVERAGE

Coverage rates will vary depending on the actual surface environment and application. The typical coverage is about 2-4 m²/litre per coat.

CLEANING OF TOOLS

Equipment and tools can be cleaned using Mineral Turps or White Spirits.

STORAGE & SHIPPING

Shelf life is approx 3 years in well sealed containers. Store in a cool dry place in accordance with Flammable Liquids storage regulations.

| | |
|---------------|------|
| UN number | 1999 |
| DG Class | 3 |
| Packing group | III |
| Hazchem code | 3[Y] |

As this product has a wide and varied range of uses we strongly recommend carrying out a small trial in an inconspicuous place to ensure suitability.

HEALTH AND SAFETY

Flammability: Flammable. Keep away from sources of ignition including pilot lights and sparks. Take precautionary measures against static discharge. Do not smoke. Keep containers tightly closed when not in use.

If used in an enclosed space, ensure thorough ventilation of the area (using flame proof mechanical blowers) to avoid any accumulation of vapour until the product has dried. In case of fire use dry powder, carbon dioxide, foam, sand or earth.

Note: Electric motors, light/power switches and steel tools may generate sparks sufficient to ignite such a material or the vapours given off, resulting in an explosion and/or fire.

Skin contact: Contains solvents which cause defatting of the skin and, in extreme circumstances, dermatitis. Avoid contact by careful working and use of barrier cream or gloves. Remove skin contamination with a proprietary hand cleaner following by washing with soap and water.

Eye Contact: Could be harmful. Wear protective eye-shields, especially where there is a danger of splashing. In the event of accidental contact, irrigate the eyes immediately with clean water for 15 minutes and seek medical attention.

Inhalation: Contains solvents. Use in well ventilated areas and avoid inhalation and use suitable respirators or breathing mask where necessary. In the event of discomfort as a result of Inhalation, remove person to fresh air and obtain medical attention.

Oral ingestion: With proper handling oral ingestion should not occur. The possibility can be minimized by not consuming food in the working area and by washing hands thoroughly before eating and drinking.

Spillage: Spilt material should be mopped up immediately with an inert absorbent material such as sand and disposed of in accordance with local regulations.

Disposal of containers: Do not leave empty containers on site where any residue could be a hazard to children or animals. Replace lids and remove all containers to a central disposal point.

PRODUCT DATA SUMMARY

| Property | Test method | Typical Values |
|-----------------------------------|----------------------------|---|
| Colour | | Black |
| Consistency | | Thick pourable paste |
| Solids content | | 65% by weight |
| Finish | | Textured, matte black resilient film |
| Application Temperature Range | | 5°C to 30°C. (below 5°C the curing is slower and spraying may be more difficult). |
| Specific gravity | | 1.04kg / litre |
| Drying time | BS3416/6949:1991 | Setting 20 minutes, touch dry 2 hours, initial cure time 12 hours at 20°C. Final cure may take 2 weeks. |
| Application | | Brush or specialist industrial sprayer |
| Type of solvent | | Petroleum hydrocarbon |
| Flammability | | Wet: highly flammable. Dry: Will burn slowly. |
| Film thickness | | Applied at 1.2 litres per sqm: approx 200-300 microns |
| Effect on potable water | BS3416:1991 BS6920:2000 | Passed Suitable for use in contact with potable water, provided a total cure has been achieved. |
| Bending resistance | BS3416/6946:1991 | Passed. No signs of cracking or detachment from the substrate. |
| Service temperature limits | | -10°C to +70°C depending on operating conditions. |
| Chemical resistance of cured film | | Very good resistance to most salt solutions. Avoid contact with solvents, acid and alkali. |

Typical values may represent average values from sample tested.

The information provided in this technical bulletin is as up-to-date and correct in detail as possible and is intended to give a fair description of the product and its capabilities. The user of these materials must satisfy themselves with the suitability for a particular application. If unsure about use with certain chemicals, please contact the manufacturer.

MANUFACTURED BY:



Regis Industrial Ltd

127 Antigua Street, Addington, Christchurch 8024, NZ

Ph: 64 3 962 6387 Freephone: 0800 542 542

Email: sales@regiscoatings.co.nz Website: www.regiscoatings.co.nz