

dynax S50

anti-corrosion wax

Product Function:

Dynax S50 is a high-performance anti-corrosion wax that provides exceptionally long-lasting protection to steel surfaces. Dynax S50 creeps into welded seams and seals surface defects. Dynax S50 forms a soft, brown, wax-like film that self-heals in the event of disruption. Dynax S50 is able to arrest existing corrosion and to provide long-term protection to pre-corroded and corrosion-free surfaces. Dynax S-50 has been proven to substantially outperform competitive material in salt-spray trials under conditions of ASTM B117. Dynax S50's soft-film is optimised for enclosed cavities where extremely corrosive conditions develop. Dynax S50 is also recommended for protection of valuable machinery and component in transit, machine tools, moulds etc. Dynax-S50 can be removed using suitable solvent. Dynax S50 is not formulated for prolonged exposure to ultra-violet (UV) light - please consult our technical dept for recommended grade.

How to Use:

Use a brush, roller or spray to apply Dynax S50. Atomisation into enclosed cavities and voids is recommended to ensure thorough coverage of all surfaces. Dynax-S50 contains highly polar corrosion inhibitors that are able to displace surface moisture; very wet surfaces should be pre-treated using Bilt-Hamber Ferrosol.

Dynax S50 is tolerant of a broad range of application pressures and will form a coherent film upon application. Dynax S50 will increase in viscosity at low storage temperatures; it is recommended to place container, or aerosols in a room at around 15°C for 24 hours prior to use. For non-aerosol-dispensed Dynax S50 the addition of 5-15 white spirit, or warming the container (loosen cap first) by standing in a hot water bath reduces viscosity where deep crevice protection is required.

Ensure that cavities are left unclosed for a period of 48 hours to allow the escape of carrier materials before bunging or stopping,

Dynax S50 will provide excellent protection at a wide-range of film thickness - aim to achieve a uniform dry-film thickness of around 50 microns. The tolerance of the material to maintain protection at very low film thickness makes Dynax S50 the ideal choice where surface inspection is not easy or where uniform coatings are simply not possible.

Technical Data

Flash Point:	44 ⁰ C
Storage:	Up to 5 years unopened. Temp range: + 5 to 30 ⁰ C
Solids:	50%
Drying time:	24 hours (approx) @ 15 ⁰ C
Appearance:	brown, soft and wax-like