

Features/benefits

- **White non-yellowing finish**
- **Neutral / silk finish**
- **Positive and consistent drying on coated papers and boards**
- **Excellent scuff / rub resistance**
- **Duct fresh**
- **Excellent printability with fast back up**

General Technical Data

GardSEAL Sheetfed is a fast drying sheetfed offset oil based pigmented sealer varnish designed to protect commercial litho print from the abrasive effects of matt-coated papers and boards. It is designed to prevent marking and scuffing during cutting, creasing and bindery operations and allows faster subsequent processing after printing. It is produced to a viscosity of 4500-5000mPas @ 40deg.C (cone and plate method).

GardSEAL Sheetfed can be applied in line or off-line by either dry offset or litho, and may be applied as a spot colour or over all solid. It is suitable for normal and perfecting applications. Recommended lay down between 1.0 and 1.5 gsm depending on absorbency of substrate. Insufficient lay down will fail to achieve the desired result, while excessive laydown could cause set-off and stack blocking.

Under normal ambient temperature conditions of 25 deg.C and relative humidity of 60% maximum the product will be touch dry in 1-2 hours and be ready for further processing within 12 hours.

(Note;- GardSEAL Sheetfed is not suitable for impermeable substratesconsult the technical department for recommendations for these applications.)

GardSEAL Sheetfed dries to give an attractive neutral/silk finish. Overprinting, foil blocking or lamination should only be undertaken after careful testing and approval has been carried out prior to production.

This product is not intended for primary or secondary food packaging, and must not be used for these applications.

Supply, Storage and Handling

GardSEAL Sheetfed is supplied in 2 kg cartridges, 2.5 Kg vac pac tins, 5 Kg buckets and 200 Kg drums.

GardSEAL Sheetfed is designed to dry to a tough, neutral finish, and for this purpose contains an active oxidation accelerator. It should be stored away from direct sunlight at a temperature not exceeding 25 deg.C. Under these conditions the product will remain skin-free within the sealed tin for a period of at least 6 months from date of manufacture. In the event of unavoidably exceeding the recommended time or temperature a light flexible skin may form on the surface of the product. This should be carefully removed before use. Note The drying and print protective properties of the product are not affected and the varnish can be used without detriment for 1-2 years from the date of manufacture.

Please refer to the relevant MSDS for handling and safety information.