

Spectraseal LS

Type One Component, solvent based UV light stable moisture curing polyurethane resin

Uses Solvent Based Gloss Sealer

Properties

NCO Content 2.8 %

Viscosity at 25°C <90 mPa.s

Non-Volatile Content 40 %

Specific Gravity (25/25°C) 0.96

Film Properties

- | | |
|----------------------------|--------|
| 1. Tack Free | 1.5hrs |
| 2. Hard Dry (foot traffic) | 2hrs |
| 3. Overcoat time | 24hrs |
| 4. Trafficable | 24hrs |

Elongation at break 40%

Abrasion Resistance Weight Loss 21 mg (Taber/Wheel CS17/1000g load/1000 cycles)

Product Description

High gloss, non-yellowing UV stable sealer/coating. For use on various substrates to accentuate the colour and stain resistance and to give a durable wear layer

Product Application

Spectraseal LS is best applied using a high quality thick pile roller in one or more thin films of 5sqm/litre. Edges can be applied using a brush. For highly trafficked areas where excellent durability is required we would recommend 3 coats.

If applying on more porous substrates where better penetration is required then the product can be thinned with xylene.

Recommended substrate temperature is 10-25°C. Temperature of the substrate should exceed dew point by 3C during application and cure. In order to give a smooth glossy finish relative humidity should be 40 – 70%. Humidity below 60% will extend cure schedule.

Second and third coats should be applied once the surface is touch dry but within 24hrs. If this maximum overcoat time is exceeded the lightly grind the surface to ensure good adhesion

Storage and Shelf Life

Store out of direct sunlight in a humidity-controlled atmosphere, at 5-30°C. Once opened moisture (including moist air) will initiate cure and material should be used within 2 days. Shelf life is 12 months from date of manufacture.

Safety Information

Spectraseal LS is a solution of an isocyanate prepolymer in organic solvents which gives off harmful, flammable fumes (see Material Safety Data Sheet corresponding to this product). Precautions must be taken to ensure good ventilation and against sources of ignition. Always wear gloves and safety glasses.

***Note:** Any and all information or suggestions/recommendations provided by Spectrum Chemicals Ltd. regarding the application of products supplied by the company, be this in the form of technical literature, or in correspondence relating to specific queries, or otherwise, is based on data believed to be reliable, however it is for the customer to decide for itself the suitability of the product for their own particular use, based on their requisite skills and know-how within the industry, and it is therefore deemed by the company that the customer will have done so at their sole discretion and risk. No liability will be accepted by Spectrum Chemicals Ltd should materials or methods prove to be unsuitable for any application.

Rev. 1.0 10.17

Spectrum Chemicals Limited

Doddington Road, Wollaston, Northamptonshire NN29 7PR

T +44 (0)1933 664141 F +44 (0)1933 663758

sales@spectrumchemicals.co.uk

www.spectrumchemicals.co.uk