AVSunWyke™

Installation Guidelines

AVSunWyke™ is a unique transparent solar varnish which is best rolled on to glass and plastic substrates, so as to significantly reduce solar gain. It is a one coat application that is touch dry within an hour and hard cured in 3 days. The varnish can be applied internally or externally with an 8year warranty against peeling and cracking. The finished surface is a hard coat and is scratch resistant.

The varnish is best applied as one thin coat and the coverage is 20ml of varnish to 1 sq metre of substrate. If the coat is too thick then the paint may crack or flake as it cures.

When applied correctly as one thin coat a 97% transparent clarity can be achieved. For best transparency results we do not recommend the varnish is applied in direct sunlight. The varnish should also not be applied externally when moisture is in the air or falling within an hour of application.

The recommended usage is for roof light style glazing, rather than elevation glazing, where window film is more suitable as an application.

1. For best results it is recommended to use a foam roller, similar to the texture of a glossing roller. Wash the roller with a detergent / water solution, so as to remove any dust particles, silicones or grease like substances and then allow to dry thoroughly. This is best carried out the day before the intended installation.
2. Once dry we recommend using a hoover to remove any final dust particles from the sponge roller.
3. As required, use masking tape to mask off gaskets and frames for protection against the accidental spread of the varnish to surfaces.
4. Clean the glazed area thoroughly with a detergent based water solution to removal all traces of grease, dirt, silicones, polishes, etc and allow to dry.
5. Pour 20ml of varnish per sq metre of substrate that requires application, into a paint tray and prime the roller.
6. Apply the varnish with even and light strokes of the roller, starting with a diagonal cross shape, filling in the edges. Carry on the roller process with over-lapping vertical and horizontal strokes until an even coat is on the substrate.
7. Leave to dry and cure. The varnish may look hazy after the roller is used but moves to its transparent state as it cures.
8. Repeat as required on subsequent panes.
9. Use IPA (Isopropanol) as a cleaning fluid and it is recommended that the roller tray is cleaned regularly if contaminated from dust. We recommend the use of gloves when handling both the varnish and the IPA cleaning fluid.

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