

# Oxford Carriage Door Ltd.

www.ocd.ca

## *Sansin Enviro-Stain 3 Coat Finish Description*

Sansin Enviro Stains are a water-borne product. Modified natural oils and resins are carried deep into the wood's cell structure using water. As the water evaporates, Sansin bonds directly with the wood substrate, forming a tough, durable barrier that will not crack, peel, or blister.

We finish our doors using a three-coat stain process. The first coat is Sansin KP-11-S. The second and third coats are Sansin SDF Top Coat.

The first coat, KP-11-S is an industrial stain product. It is a penetrating environmentally friendly product that is engineered to penetrate wood and provide effective UV & weather protection while allowing the wood to breath. Generally, we add most of the pigment required to achieve the selected colour in this first coat.

The second & third coat, SDF Top Coat are also a penetrating stain product that offers more protection on the surface. It is UV resistant and water-repellent. This unique formula provides a rich and attractive coating that offers lasting protection. Sansin SDF Top Coat will not crack, peel or blister. It is 1 coat system, however, we add a second coat to increase the sheen of the finish and increase the time before a maintenance coat is required. We tend to keep the pigment low in these coats to produce a deeper looking finish, however we do add some pigment to enhance the UV protection.

Sansin products have additives to provide UV protection. Sansin recommends a minimum of 3Y (3 ounces of pigment per gallon) in the first coat and a minimum of 1Y in the topcoat as pigment enhances the UV protection.

“Flaking off” of a finish can only occur when the finish has formed a film on the surface. KP-11-S and SDF Top Coat are penetrating products therefore “flaking off” is not an issue when applied properly.

Sansin products have excellent colour retention properties. They will not darken with age as other alkyd or oil based products do. Any minor fading will be corrected with regular maintenance coats. The colour of the maintenance coats can easily be adjusted to alter the final colour of the doors.

**Finish Maintenance**, it is recommended to periodically clean the door face with Sansin Multi-Wash or mild soap and water and inspect its condition. Do not let snow accumulate against the door face for long periods of time. As per the SDF Top Coat product data sheet ([www.sansin.com](http://www.sansin.com)), you will require a “maintenance coat” of SDF Top Coat approximately every 2 – 6 years depending on the exposures & environmental conditions. When the finish on your door starts to look faded or dull and shows signs of wear or erosion it is time for a maintenance coat. For more detailed maintenance instructions, please refer to our Maintaining Sansin Enviro-Stain 3 Coat Finish guidelines.

