



A Guide to Applying VLS to Bridges

MAXON TECHNOLOGIES

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Guide to Treating Bridges

VLS is available in a Thin film and a long lasting Thick film, both products should be used in the process.

Start with the Thin Film, it can be placed in pump sprayers, it is thin enough to spray this way, airless sprayer will also work. Saturate all cracks, welds and bolts with the thin film first, it is going to act as more of a penetrant than the thicker formula and must be applied to these areas first to ensure deep penetration.

If there are areas of heavy scaling, ideally they should be blasted off. If this is not possible, soak them with VLS THIN and leave it for about 30 days until all the scaling falls off on its own.

Once all the cracks, welds, bolts and scaling have been treated with VLS THIN, coat the rest of the metal with the industrial formula. It can be sprayed with an airless sprayer (must be at least room temperature to flow), it can also be painted on with a brush. There is no time required between applying VLS THIN and VLS THICK, this is a wet film and it never dries.

Not recommended for traffic areas, ideal for under side of the bridge and beams.

Depending on the environment the protection should last years, 15 to 25 or more. The way to tell if it is still working is to do a finger test, if you feel a wet film on the metal it is still on the metal it means VLS is still working.

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Checking a 23 year old Application, it is still wet and working!