



Catalyzation – Step by step

A catalyst is a special second ingredient added to a coating. This is used to cure or harden the finish. This added catalyst starts a chemical reaction in the mixture, enabling the creation of a more durable finish that would not be possible with single component systems.

Step 1 - Check your product information sheet for the catalyst's pot life time. This is the maximum duration of the chemical reaction. In short, this tells you how long you have to apply the coating before it is no longer good to use.

Step 2 - Stir your base material thoroughly. Making sure the material is uniformly dispersed. Measure out the needed amount of base material.

Step 3 - Refer to the product information sheet for the proper amount of catalyst needed. The amount of catalyst required will be dependent on the coating being used and the volume of material being mixed.

Step 4 - Measure out the catalyst into a separate calibrated mixing cup.

Step 5 - Carefully pour the catalyst into the base material. Slowly stirring the base material as you do. Continue stirring until complete blending has been achieved. Otherwise, the ratio will not be accurate.

Step 6 - Measure the viscosity of the combined mixture to make sure it's correct. Refer to your product information sheet.

If needed, you may add recommended thinner at this point. But NEVER add thinner prior to the combination of catalyst and base material.

Step 7 - Apply the coating.

Step 8 - Thoroughly clean all of your equipment to avoid contamination.

Catalyzation is a powerful tool that can create durable finishes. Paying careful attention to ratios, mixtures and pot life is critical, but the effort is well worth the reward.

- Use adequate ventilation while spraying.
- Always refer to your (MSDS) Material Safety Data Sheet for proper (PPE) Personal Protective Equipment.

