

# Super Hydrophilic Self-Cleaning Coating Manual

1. Materials Needed:
  - a. SCV Coat liquid
  - b. SCV Stripping Agent
  - c. Degreaser or degreasing compound
  - d. Buffer [probably the small black handheld block with Velcro]
  - e. Towel
  - f. Bucket
  - g. Sponge
  - h. Spray bottle
  - i. Water hose
  - j. Masking tape
  - k. Vinyl plastic sheets (with masking tape)
  - l. Tornador (or another spray attachment for air compressor)
  - m. Squeegee
2. Removing Grease from Glass Surface (Degreaser and Buffer)
  - a. Purpose is to prepare a glass surface for coating by removing any grease.
  - b. Apply water to the glass surface with a spray bottle.
  - c. Cut a buffing block to an appropriate size.
  - d. Apply the degreasing compound in an amount about a quarter in size to the buffer.
  - e. Rub the degreaser on the glass and remove the grease.
  - f. Spray water onto the surface to see if the degreaser will smoothly extend throughout the surface without leaving gaps where the degreaser is repelled. Where such spots appear, rub the glass with the buffer applying additional degreaser if necessary and confirm that all gaps have disappeared.
  - g. When finished, rinse the entire surface with water.
3. Wiping Off Water (Clean towel without grease and squeegee)
  - a. Purpose is to completely remove all water because SCV does not adhere to damp areas.
  - b. Remove most of the water with a squeegee.
  - c. Completely dry the area of all moisture with a towel.
4. Cover Areas Not to be Coated (plastic sheets and masking tape)
  - a. Purpose is to protect areas not to be coated.
  - b. Cover with plastic sheets all areas not to be coated.
5. SCV Application Method

- a. Please follow the method set out below using the specialized spray attachment.
6. Removal Method
    - a. Put the SCV Stripping Agent onto a sponge and spread on the surface where SCV is to be removed.
    - b. When SCV turns white and begins to curl up, apply ample amounts of water and rinse off.
    - c. Wipe off the water to complete.
    - d. Take precaution not to permit the stripping agent from coming into contact with surfaces where you do not want to remove SCV.
  7. Points requiring attention
    - a. Do not breathe in or swallow either the SCV or the stripping agent.
    - b. Ventilate thoroughly after using the product and because it is combustible avoid sources of heat.
    - c. Avoid locations with direct sun and store in a cool, dark place.
    - d. In the event some of the solution leaks out, soak up with tissues or rags and dispose of properly.
    - e. Do not use in unexpected ways or for other purposes.
    - f. Do not permit buffing pads to become dry during use, but store with plenty of water.
  8. Emergency or First Aid Measures
    - a. If the solution enters the eyes, without rubbing the eyes, rinse thoroughly with ample water and consult a physician immediately.
    - b. If the solution is swallowed, consult a physician immediately.
    - c. If you become sick or dizzy while working with materials, immediately cease working and rest in a well-ventilated spot. If condition does not improve, consult a physician.
    - d. After completion, wash thoroughly with soap and water.