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## **OPACI-COAT-300® SELECTION STRATEGY FOR COATED GLAZING:**

- A . The difference between high quality coated glazing and cheap coated glazing is uniformity, durability, and performance of the coating. Correctly selecting the product and defending the selected product from substitution by an inferior product depends on the project requirements.
- B . Product Selection Questions:
1. Is location Interior or Exterior?
    - a. Exterior:
      - 1) OPACI-COAT-300® because it is tested to be uniform, maintain adhesion and durability of color and coating when subjected to exterior UV light over a long period of time without weakening the base glazing. These performance criteria are maintained by requirement of certified fabricators. The correct configuration can also provide fallout resistance to keep glass in place if broken. Coating also has transparency documentation and is Living Building Challenge Red list free.
    - b. Interior:
      - 1) OPACI-COAT-300®: Certified installers will ensure uniformity of coating. This coating has lower solvent resistance and water soak resistance for potentially wet backsplash or writable surface locations, which is why the coated side of the glass needs to be fully cavity-backed and not exposed to human interaction post installation.
        - a) Coating has transparency documentation and is Living Building Challenge Red list free.
        - b) The correct configuration can provide fallout resistance to keep glass in place if broken.
- C . Substitution Questions:
1. How can I be assured the coating will be consistent without pin holes, voids, or fabrication markings?
  2. Has product been tested to prove it does not weaken glass?
  3. Has the product been tested for adhesion?
  4. Has the product been tested for durability in conditions present? Example: UV or Solvents?
  5. Has coating been tested to provide fallout resistance?
  6. Does coating have transparency documentation?
  7. Is coating Living Building Challenge Red list free?