November 16, 2020

Re: Red List Building Materials, version 4.0 compliance

The Vitro Architectural Glass products listed meet the criteria established in the Living Building Challenge (LBC) Red List of materials, version 4.0 and do not contain any of the LBC listed chemicals in amounts at or greater than 0.01% (100ppm).

**LBC Red List (version 4.0) materials**

- **Alkylphenols**  
  - Formaldehyde (added)
- **Asbestos**  
  - Halogenated Flame Retardants
- **Bisphenol A (BPA)**  
  - Hydrochlorofluorocarbons (HCFCs)
- **Cadmium**  
  - Lead (added)
- **Chlorinated Polyethylene**  
  - Mercury
- **Chlorosulfonated Polyethylene**  
  - Perfluorinated Compounds (PFCs)
- **Chlorobenzenes**  
  - Phthalates
- **Chlorofluorocarbons (CFCs)**  
  - Polychlorinated Biphenyls (PCBs)
- **Chloroprene (Neoprene)**  
  - Polyvinylidene Chloride (PVDC)
- **Chromium VI**  
  - Polyvinyl Chloride (PVC)
- **Chlorinated Polyvinyl Chloride (CPVC)**  
  - Short Chain Chlorinated Paraffin (SCCPs)
- **Organotin Compounds**  
  - Antimicrobials (marketed with a health claim)
  - Polycyclic aromatic hydrocarbons (PAHs)

Volatile Organic Compounds (VOC) in wet applied products
Wood treatments containing Creosote, Arsenic or Pentachlorophenol

**Compliant Vitro Architectural Glass products**

- **Clear glass**  
  - Solarban® 72 glass
- **Acuity™ Low-Iron glass**  
  - Solarban® 90 glass
- **Atlantica® glass**  
  - Solarban® R77 glass
- **Azuria® glass**  
  - Solarban® R100 glass
- **Graylite® II glass**  
  - Solarban® z50 glass
- **Optiblue® glass**  
  - Solarban® z75 glass
- **Optigray® glass**  
  - Sungate® 400 glass
- **Pacifica® glass**  
  - Solarcool® Azuria® glass
- **Solarblue® glass**  
  - Solarcool® Pacifica® glass
- **Solarbronz® glass**  
  - Solarcool® Solarbronz® glass
- **Solargray® glass**  
  - Solarcool® Solargray® glass
- **Solarban® 60 glass**  
  - Solarcool® Solarbronze® glass
- **Solarban® R77 glass**  
  - Solarcool® Solarbronze® glass
- **Solarban® z75 glass**  
  - Solarcool® Solarbronze® glass
- **Sungate® 400 glass**  
  - Solarcool® Solarbronze® glass
- **Starphire Ultra-Clear™ glass**  
  - Solarcool® Solexia® glass
- **Clavista® glass**  
  - Vistacool® Azuria® glass
- **Solarban® 60 glass**  
  - Vistacool® Pacifica® glass
- **Solarban® 67 glass**  
  - Pavia® acid etched glass
- **Solarban® 70 glass**  
  - Platia® mirrored glass

Please note that the Vitro compliance to the LBC Red List materials only applies to the glass used within insulating glass (IG) and/or monolithic configurations. Other component materials (sealants, desiccant, spacer, frits, interlayers & spandrel coatings) are not covered by this compliance letter.