

Let's Talk Tech

Reflect Mirror

ALUCOBOND® PLUS Reflect Mirror can make a space appear lighter and brighter by accentuating different angles and spaces, as well as, the flow of color found in the surrounding environment. Whether a decorative or functional role, innovative design using Reflect Mirror can engage the audience by capturing an expansive urban setting or the crystal blue skies above. For optimal consistency consider the guidelines on the following page.

Project: Painted Rock Estate
Winery Tasting Room
British Columbia, Canada
ALUCOBOND PLUS: Reflect
Mirror, Custom Seafoam Metallic
Architects: Fallowfield Design +
Development in association with
Robert Mackenzie Architect Inc.

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- Handle ALUCOBOND PLUS Reflect Mirror panels very carefully. The reflective surface greatly highlights any occlusions that would not be noticed with traditional coil coated finishes. Avoid bumps, dings, impacts, scratches to the material during fabrication, shipping and installation. These physical interferences, even if minor, will appear much more noticeable once the protective masking is removed.
- Surfaces must be cleaned and padded during fabrication and installation. Avoid laying panels flat on dirty unpadded surfaces on the fabrication and project sites.
- In order to minimize variations in color and appearance, all ALUCOBOND PLUS Reflect Mirror panels should originate from the same batch for each project. For large projects > 20,000 sq. feet, it is suggested to use one batch of material per side or elevation of the building.
- Due to the aluminum rolling process slight distortions of the reflected image may occur under different viewing angles. Achieving 100% uniformity in color and brightness with ALUCOBOND PLUS Reflect Mirror surface is not feasible.
- ALUCOBOND PLUS Reflect Mirror is directional, to avoid possible reflection differences, panels must be installed in the same direction as marked on the protective masking.
- ALUCOBOND PLUS Reflect Mirror does not have the same optical properties as a conventional glass mirror. The rolling and processing of the aluminum sheet used in the Reflect Mirror may exhibit some slight distortions that are not prevalent in a glass mirror.
- In artificial indoor lighting conditions, ALUCOBOND PLUS Reflect Mirror may exhibit a spectrum (rainbow) effect in the mirror finish. This appearance will not be noticeable in outdoor natural daylight conditions.
- When routing and folding panels may exhibit mirror cracks and crazing at the panel edges. Maintain a minimum bending radius of 8 inches when rolling ALUCOBOND PLUS Reflect Mirror.
- Be aware of local building codes for restrictions of reflective surfaces. This is especially true for projects near airports or military installations.
- To avoid moisture spots and staining store material in a dry location prior to fabrication.
- ALUCOBOND PLUS Reflect Mirror is currently manufactured in Germany but stocked in Benton, KY. It is available in our standard .020" thickness in 49.2" x 146" panels (124.96 CM x 370.94 CM).
- ALUCOBOND PLUS Reflect Mirror finish is not currently offered in different colors or with a smoky finish.