Plaskolite's products are strong, lightweight thermoplastic materials that have developed a wide use as a replacement for glass mirror, especially where the risk of higher stresses is greater, and where safety is a concern. Plaskolite mirrors can be used as a reflecting surface in decoration, visual merchandising and store design, and frees creative designers from the esthetic and physical limitations of ordinary glass. The following outline should acquaint you with the procedural information necessary to fabricate acrylic, polycarbonate, and PETG mirror sheets into useful products.

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DO'S AND DONT'S

1. Because acrylic has a relatively soft surface and is flexible, some imperfections or distortions may occur. It should not be used for precise image reflection. An appropriate thickness should be determined well in advance of cutting.
2. Acrylic mirror can not be thermoformed but can be cold formed.
3. Some adhesives attack the mirrored surface. Please test expendable pieces at least 72 hours in advance to determine suitability.
4. Mirror products are not recommended for glazing or any outdoor applications.
5. Acrylics tend to absorb moisture. High humidity levels may cause temporary warpage to the material. The warpage is characteristic of the material and should be considered in the design of the product or application.
6. Solvent gluing at edges may cause crazing.
7. Plaskolite acrylic sheet is a combustible thermoplastic. Precautions should be used to protect the material from flames and high heat sources.
8. Acrylic mirror can not be die cut, but can be router, saw, or laser cut.
9. Materials should be stored in a cool, dry area. Acrylic sheets will warp if exposed to variable temperatures. Changing humidity levels cause the greatest variation. Material should be stored flat and overwrapped with plastic to minimize absorption of water vapor.
10. Overage is provided for your convenience. Check peripheral areas for suitability before cutting.
11. Protective masking should not be removed until fabrication is complete. Exercise care during fabrication and handling of both sides of mirror.
12. Do not use in shower doors, window applications or rooms where humidity could cause the thermoplastic sheet to expand or contract.
13. These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.