

# Substrate Guide

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|   | Multiple Colors | Metallic Finishes | Multiple Thickness | Oversized | Outdoor Use | Gloss | Matte | Satin/Luster | Packaging    | POP/Short-Term Graphics | Exhibit/Display | Real Estate/Political Signs | Kiosks/Wall Panels | Channel Letter/Sign Box Back | Channel Letter/Sign Face | Billboard | Backlit Signs/Awnings | Street Signs | Flatbed Printing | Screen Printing | Paint | Vinyl | Mounting | Bevel Die Cutting | Routing/Engraving | Carving/Sandblasting | Catalog Page |
|---|-----------------|-------------------|--------------------|-----------|-------------|-------|-------|--------------|--------------|-------------------------|-----------------|-----------------------------|--------------------|------------------------------|--------------------------|-----------|-----------------------|--------------|------------------|-----------------|-------|-------|----------|-------------------|-------------------|----------------------|--------------|
| METAL                                   | PROPERTIES      |                   |                    |           |             |       |       |              | APPLICATIONS |                         |                 |                             |                    |                              |                          |           | PROCESSING            |              |                  |                 |       |       |          |                   |                   |                      |              |
| Alpha Panel ACM ●                       |                 |                   |                    |           | √           |       | √     |              |              | √                       | √               | √                           | √                  |                              |                          |           |                       |              |                  | √               | √     | √     | √        |                   | √                 |                      | 135          |
| Alupanel ACM                            | √               | √                 | √                  | √         | √           | √     | √     |              |              | √                       | √               | √                           | √                  | √                            |                          |           |                       |              | √                | √               | √     | √     | √        | √                 | √                 | √                    | 136          |
| Dibond ACM                              | √               | √                 | √                  | √         | √           |       |       | √            |              | √                       | √               | √                           | √                  | √                            |                          |           |                       |              |                  | √               | √     | √     | √        | √                 | √                 | √                    | 136          |
| Alumalite 6mil/10mil                    | √               | √                 |                    | √         | √           | √     |       |              |              | √                       | √               | √                           | √                  | √                            |                          |           |                       |              | √                | √               | √     | √     | √        |                   | √                 |                      | 137          |
| Aluminum Sheet 4ft x 8ft                | √               | √                 | √                  | √         | √           | √     |       |              |              | √                       | √               | √                           | √                  | √                            |                          |           |                       | √            | √                | √               | √     | √     | √        | √                 | √                 | √                    | 138          |
| Aluminum Blanks                         |                 |                   | √                  |           | √           | √     |       |              |              | √                       | √               | √                           | √                  |                              |                          |           |                       | √            | √                | √               | √     | √     | √        | √                 | √                 | √                    | 139          |
| MultiShield Galvanized Steel Composite  |                 |                   |                    |           | √           | √     |       |              |              | √                       | √               | √                           | √                  | √                            |                          |           |                       |              | √                | √               | √     | √     | √        | √                 | √                 | √                    | 136          |
| PLASTICS                                | PROPERTIES      |                   |                    |           |             |       |       |              | APPLICATIONS |                         |                 |                             |                    |                              |                          |           | PROCESSING            |              |                  |                 |       |       |          |                   |                   |                      |              |
| Acrylite SG Acrylic Sheet               | √               |                   | √                  | √         | √           |       |       |              |              | √                       | √               |                             | √                  |                              | √                        | √         |                       |              |                  | √               | √     | √     |          |                   | √                 | √                    | 141          |
| Chemcast Cast Acrylic Sheet ●           | √               |                   | √                  | √         | √           |       |       |              |              | √                       | √               |                             | √                  |                              | √                        | √         |                       |              |                  | √               | √     | √     |          |                   | √                 | √                    | 141          |
| Black/White - Cast Acrylic Sheet        |                 |                   |                    |           | √           | √     |       |              |              |                         | √               |                             |                    |                              | √                        | √         |                       |              |                  | √               | √     | √     |          |                   | √                 | √                    | 141          |
| FF Economy Acrylic Sheet                |                 |                   | √                  |           | √           |       |       |              |              | √                       | √               |                             | √                  |                              | √                        | √         |                       |              |                  | √               | √     | √     |          |                   | √                 | √                    | 141          |
| Polycarbonate Pan Face                  |                 |                   | √                  | √         | √           |       |       |              |              |                         | √               |                             |                    |                              | √                        | √         |                       |              |                  |                 | √     | √     |          |                   |                   |                      | 141          |
| Polycarbonate Sheet ●                   |                 |                   | √                  | √         | √           |       |       |              |              | √                       | √               |                             | √                  |                              | √                        | √         |                       |              | √                | √               | √     | √     |          |                   |                   |                      | 141          |
| Arlon DPF 390 Print Flex                |                 |                   |                    | √         | √           |       | √     |              |              | √                       | √               |                             |                    |                              | √                        | √         | √                     |              |                  | √               | √     | √     | √        |                   |                   |                      | 146          |
| Sintra PVC Sheet                        | √               |                   | √                  | √         | √           |       |       | √            |              | √                       | √               | √                           | √                  |                              |                          |           |                       |              | √                | √               | √     | √     | √        |                   | √                 |                      | 142          |
| Free Foam PVC Sheet                     |                 |                   | √                  |           | √           |       |       | √            |              | √                       | √               | √                           | √                  |                              |                          |           |                       |              |                  | √               | √     | √     | √        |                   | √                 |                      | 142          |
| E-PVC Sheet                             |                 |                   | √                  |           | √           |       |       | √            |              | √                       | √               | √                           | √                  |                              |                          |           |                       |              |                  | √               | √     | √     | √        |                   | √                 |                      | 142          |
| Styrene Sheet                           | √               |                   | √                  |           | √           |       | √     |              |              | √                       | √               |                             | √                  |                              |                          |           |                       |              | √                | √               | √     | √     | √        |                   |                   |                      | 142          |
| Corrugated Plastic ●                    | √               |                   | √                  | √         | √           |       | √     |              | √            | √                       | √               | √                           | √                  |                              |                          |           |                       |              | √                | √               | √     | √     | √        | √                 |                   |                      | 143          |
| Corrugated Plastic Die-Cuts             |                 |                   |                    |           | √           |       | √     |              |              | √                       |                 |                             |                    |                              |                          |           |                       |              |                  | √               | √     | √     | √        |                   |                   |                      | 143          |
| King ColorCore Engravable Polymer Sheet | √               |                   | √                  |           | √           |       | √     |              |              |                         | √               | √                           | √                  |                              |                          |           |                       | √            |                  |                 |       |       |          |                   |                   | √                    | 144          |
| WOOD                                    | PROPERTIES      |                   |                    |           |             |       |       |              | APPLICATIONS |                         |                 |                             |                    |                              |                          |           | PROCESSING            |              |                  |                 |       |       |          |                   |                   |                      |              |
| Omega SignBoard                         |                 |                   |                    |           | √           | √     | √     |              |              |                         | √               | √                           | √                  |                              |                          | √         |                       |              |                  | √               | √     | √     | √        |                   |                   |                      | 149          |
| LusterBoard                             | √               |                   | √                  |           | √           | √     |       |              |              |                         | √               | √                           | √                  |                              |                          | √         |                       |              | √                | √               | √     | √     | √        |                   |                   |                      | 149          |

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| <b>WOOD</b>   | <b>PROPERTIES</b> |                   |                    |           |             |       |       |              | <b>APPLICATIONS</b> |                         |                 |                             |                    |                         |                          |           | <b>PROCESSING</b>     |              |                  |                 |       |       |          |                   |                   |                      |              |
| MDO Plywood ●   |                   |                   | √                  | √         | √           |       |       |              |                     |                         | √               | √                           | √                  |                         |                          | √         |                       |              | √                | √               | √     |       | √        |                   |                   |                      | 149          |
| PSP Pre-finished Sign Panel                                     |                   |                   |                    |           | √           | √     |       |              |                     |                         | √               | √                           | √                  |                         |                          | √         |                       |              |                  | √               | √     | √     | √        |                   |                   |                      | 149          |
| Allwood Sign Blanks   |                   |                   |                    |           | √           |       |       |              |                     |                         | √               |                             | √                  |                         |                          |           |                       | √            |                  | √               | √     |       |          |                   | √                 | √                    | 150          |
| Extira Treated Exterior Panel                                   |                   |                   | √                  |           | √           |       |       |              |                     |                         | √               | √                           | √                  |                         |                          | √         |                       | √            |                  | √               | √     |       |          |                   | √                 | √                    | 150          |
| Scooter Board ●   |                   |                   | √                  |           |             |       |       |              |                     | √                       | √               | √                           |                    |                         |                          |           |                       |              | √                | √               | √     | √     | √        |                   | √                 |                      | 150          |
| <b>FOAM</b>   | <b>PROPERTIES</b> |                   |                    |           |             |       |       |              | <b>APPLICATIONS</b> |                         |                 |                             |                    |                         |                          |           | <b>PROCESSING</b>     |              |                  |                 |       |       |          |                   |                   |                      |              |
| GatorFoam Black   |                   |                   | √                  | √         |             |       | √     |              |                     | √                       | √               | √                           |                    |                         |                          |           |                       |              | √                | √               | √     | √     | √        | √                 | √                 |                      | 151          |
| GatorFoam Dual Color  |                   |                   | √                  | √         |             |       | √     |              |                     | √                       | √               | √                           |                    |                         |                          |           |                       |              | √                | √               | √     | √     | √        | √                 | √                 |                      | 151          |
| GatorFoam Natural   |                   |                   | √                  | √         |             |       | √     |              |                     | √                       | √               | √                           |                    |                         |                          |           |                       |              | √                | √               | √     | √     | √        | √                 | √                 |                      | 151          |
| GatorFoam White ●   |                   |                   | √                  | √         |             |       | √     |              |                     | √                       | √               | √                           |                    |                         |                          |           |                       |              | √                | √               | √     | √     | √        | √                 | √                 |                      | 151          |
| Fome-Cor Black  |                   |                   |                    |           |             |       | √     |              | √                   | √                       | √               | √                           |                    |                         |                          |           |                       |              | √                | √               | √     | √     | √        | √                 |                   |                      | 151          |
| Fome-Cor White ●  |                   |                   | √                  | √         |             |       | √     |              | √                   | √                       | √               | √                           |                    |                         |                          |           |                       |              | √                | √               | √     | √     | √        | √                 |                   |                      | 151          |
| Fome-Cor Heat Activated   |                   |                   |                    |           |             |       | √     |              | √                   | √                       | √               | √                           |                    |                         |                          |           |                       |              |                  |                 |       |       |          | √                 |                   |                      | 151          |
| Fome-Cor Self Adhesive  |                   |                   |                    |           |             |       | √     |              | √                   | √                       | √               | √                           |                    |                         |                          |           |                       |              |                  |                 |       |       |          | √                 |                   |                      | 151          |
| Ultra Board - Foam Core Panel                                   |                   |                   | √                  | √         |             |       |       |              |                     | √                       | √               | √                           |                    |                         |                          |           |                       |              |                  | √               | √     | √     | √        |                   | √                 |                      | 152          |
| Ultra Mount - Black Foam Core                                   |                   |                   | √                  |           |             |       |       |              |                     | √                       | √               | √                           |                    |                         |                          |           |                       |              |                  | √               | √     | √     | √        |                   | √                 |                      | 152          |
| Ultra Mount - White Foam Core                                   |                   |                   | √                  |           |             |       |       |              |                     | √                       | √               | √                           |                    |                         |                          |           |                       |              |                  | √               | √     | √     | √        |                   | √                 |                      | 152          |
| Ultra Board Dual Color  |                   |                   | √                  | √         |             |       |       |              |                     | √                       | √               | √                           |                    |                         |                          |           |                       |              |                  | √               | √     | √     | √        |                   | √                 |                      | 152          |
| Ultra Mount - Ultra White DP Digital Printable Foam Core Panels |                   |                   | √                  |           |             |       |       |              |                     | √                       | √               | √                           |                    |                         |                          |           |                       |              | √                | √               |       |       |          | √                 | √                 |                      | 152          |
| SignFoam 4 HDU Sign Board ●                                     |                   |                   | √                  | √         | √           |       |       |              |                     |                         | √               | √                           |                    |                         |                          | √         |                       | √            |                  |                 | √     |       |          |                   | √                 | √                    | 153          |
| CoraFoam HDU Sign Board   |                   |                   | √                  | √         | √           |       |       |              |                     |                         | √               | √                           |                    |                         |                          | √         |                       | √            |                  |                 | √     |       |          |                   | √                 | √                    | 153          |
| <b>PAPER</b>  | <b>PROPERTIES</b> |                   |                    |           |             |       |       |              | <b>APPLICATIONS</b> |                         |                 |                             |                    |                         |                          |           | <b>PROCESSING</b>     |              |                  |                 |       |       |          |                   |                   |                      |              |
| Tuff-White Display Board  |                   |                   |                    |           |             | √     |       |              | √                   | √                       | √               |                             |                    |                         |                          |           |                       |              | √                | √               |       | √     | √        |                   |                   |                      | 150          |