

MEGANITE®

TECHNICAL
BULLETINS

TRANSLUCENT COLOR CATEGORY FABRICATION
BEST PRACTICES / RECOMMENDATIONS

DOCUMENT PURPOSE

This document offers recommendations to get the best appearance and customer satisfaction with Meganite Solid Surface's translucent color offering.

The following Meganite colors are included in this category:

Translucent Green Ice 912B T	Lemon Glow 053 A	White Glow 094 A	Summer Glow 063 A
Translucent Blue Ice 913B T	Aqua Glow 062 A	White Crystal 813 A	Frosted Ice 9745 B

MEGANITE's translucent offering can be fabricated using the same fabrication techniques as our standard offering but when these sheets are back lit there are some simple fabrication techniques that can be utilized to give the final project the best possible appearance.

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SEAMING-

- Take extra care when prepping your seam, the seam must be as tight as possible, as the adhesive may not be as translucent as the sheet when backlit and will become much more visible than a standard, top lit seam.
- Translucent adhesive should be used for all seams. (check with your adhesive mfg. for their offering and recommendation)
- Make sure the seams are completely filled with adhesive, any voids in the adhesive will draw attention to the eye.
- Remove any excessive solid surface adhesive from the underside of the seam, excess adhesive will be seen thru the sheet if back lit.

EDGE TREATMENTS/BUILD-UP-

- Edge treatments/build-up should have the least number of seams possible, Meganite recommends the following build up options as the best options. Listed in the order of best option first.
 - V-groove or Mitered edge-offers the least number of exposed seams
 - Drop Edge- Offers only one exposed seam
 - Stacked/Laminated edge -offers the highest number of exposed seams and is the least recommended technique.

FINISHING-

- Standard solid surface finishing techniques should be used for the front of the sheet.
- If the sheet will be back lit then any scratches, ink jet, shop markings, etc. should be removed.
- When finishing deck seams, take notice to feather your seam out and not over sand the sheets at the seam. Any change in thickness, thru over sanding, will affect the translucency of the sheet and may draw attention to the seam.

SUPPORTS-

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- As required with the standard Meganite solid surface color offering, seam supports/plates must be used, the full length of the seam.
- These seam supports/plate should be made of the same color as the deck to ensure the most translucency possible.
- Translucent adhesive should be used to adhere the seam supports/plates to the deck. (check with your adhesive mfg. for their offering and recommendation)
- Non-solid surface supports, such as cabinet walls, L-brackets, Corbels, etc. will be visible thru the sheet. If the supports disrupt from the desired appearance of the surface, then a latex paint can be applied to the underside of the sheet to give it a more uniform appearance.

BACK LIGHTING-

- Low heat LED lighting is the best recommendation for back lighting the Meganite Translucent color offering.
- DO NOT place a heat emitting light source near the sheet, by doing so you will heat one side of the sheet, causing thermal expansion, possibly causing the sheet to warp.
- Lighting with a Kelvin rating of 4700k+ color range will give the best appearance without distorting the true color of the project, lighting can be increased or decreased to meet customer expectations. LED lighting will offer a low heat, long term solution.

IF YOU HAVE QUESTIONS, PLEASE CONTACT MEGANITE SOLID SURFACE REPRESENTATIVES, AUTHORIZED FABRICATORS, DISTRIBUTORS OR EMAIL US AT INFO@MEGANITE.COM.

ALL TECHNICAL BULLETINS CAN BE FOUND @ WWW.MEGANITE.COM