

Onyx Fill™



Alumina Trihydrate for Cultured Onyx

With advancements in veining techniques, demand for countertops with a veining feature is growing. This trend can be seen as many of the leading surfacing companies have recently introduced translucent, veined designs similar to natural onyx.

The R.J. Marshall Company continues to offer a full line of high quality Onyx fillers carefully controlled for consistency and designed to give optimal performance and beauty.

Product	Translucency (foot-candles)	Color
OF250	115	Cool White
OF500	100	Cool White
OF300	110	Champagne



Suggestions For Use:

Manufacturing Onyx products is not significantly different than manufacturing marble dust products, but here are a few suggestions to assist in making quality parts:

Filler/ Resin Ratio

Filler to resin ratios vary from product to product. Typical resin demand will be 32% - 38%. Adjustments may be needed to achieve the stiffness you desire in your mix.

Catalyst Level

Gel times and curing times may be longer than cultured marble parts. If faster gel times are needed, contact your resin manufacturer for recommendations. Do not add catalyst at levels outside of the resin manufacturer's recommendations.

Background Color

Onyx Fill products are color controlled. The translucent nature of Onyx Fill products allows the resin color to show up in your part. Old resins or catalysts can have undesirable effects on the background color. Choose a good quality onyx resin and test it for cured color on a regular basis.

Color Additions

Veining – To preserve the depth of the onyx system, do not use pigments and other color effects except in veining. Too much pigment will reduce the translucent effect of the onyx.

Thermal Cycling

Onyx fill products when manufactured correctly will meet or exceed the ANSI Z124.3 test standard. Careful gel-coating and manufacturing techniques are necessary for a quality part.

Marketing

Onyx products give an image of quality. They offer the opportunity to sell a product of beauty at a better margin than cultured marble. Many of the leading surfacing companies have recently introduced translucent veined surfacing designs similar to natural onyx.



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