

HOME

MY ACCOUNT

SAMPLE KITS

VIDEO LIBRARY

CLOSEOUTS

DIY WEBSITE

February
2019 *in this issue*

**Product Spotlights, Technical Q&A,
and Exclusive Newsletter Video Links**

NEW website update, 15% off Fillers on our DIY website,
and RenShape FAQ from our Tech Team!

**Our Interactive
Closeout List
is live!**

**DIY-size Products:
Direct Ordering
on Miapoxy.com**

[Miss our last newsletter? Click here to view!](#)

WEB
Update!

Search Engine Improvements

We're always working on ways to improve our customer experience, and our website is no exception. We've recently updated the algorithm of the search engine on FreemanSupply.com to help you find what you're looking for faster and easier.

With that being said, new products and pages are added frequently, so if there's something you're looking for and can't locate, please don't hesitate to [contact us!](#)



FREEMAN
Manufacturing & Supply Company

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DIY CORNER

15%
off!

15% off all Fillers!

Try our line of Liquid Tooling Fillers on Miapoxy.com!

 See All Fillers Now



Promotional sale prices on Mia fillers available until 2/28/2019 on www.Miapoxy.com only.

Tech Q&A



The Tech Team is ready to help!
Monday – Friday, 8 am – 5 pm EST
Just call (800) 321-8511 opt. 5

Recommendations from our Tech Team

Q: What can I use to adhere RenShape to my aluminum or magnesium pattern plate?

A: Multiple methods are used to secure RenShape boards to a pattern plate.

- [Doweling](#) to align your pattern halves on the match plate
- Mechanically with the use of threaded press inserts secured with epoxy
- Adhering with an adhesive such as our epoxy-based [Fast Set 506](#) (right)



Q: Which RenShape board would you recommend for foundry patterns & core boxes?

A: [RenShape 5169](#) or [RenShape 5179](#) is ideal for foundry patterns and core boxes because of their excellent machinability, superior edge definition, dimensional stability and polishing characteristics. These red foundry boards are our most abrasion-resistant RenShape offerings and provide higher wear resistance than aluminum. Refer to our [Application Guide](#) for more details.

Q: Which RenShape board would work best for creating prototype/short run metalforming tools?

A: [RenShape 5166](#) is often an excellent choice for creating light gauge metal forming tools. It can be readily machined and offers an excellent, durable surface finish. Using RenShape 5166 can result in significant reductions in tool production time and cost.



Refer to our [Application Guide](#) for more details.

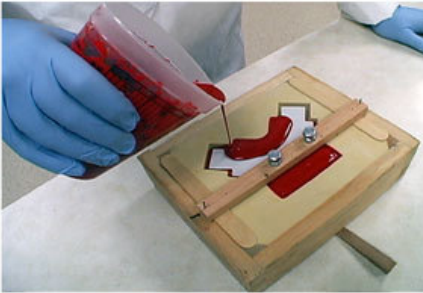
Q: Which RenShape board would you recommend for thermoforming applications?

A: We offer various boards suitable for thermoforming. [RenShape 460](#) is the most popular choice for short to medium production runs, while [RenShape 472](#) is often selected for higher production runs. Both of these boards offer excellent edge definition and surface finish with high strength and good thermal stability properties. For thermoforming clear plastic, we would recommend [RenShape 5179](#) or [RenShape 470](#). Both of these products will form clear plastics without clouding the plastic. Refer to our [Application Guide](#) for more details.

**Have questions? Contact our Tech Team at
(800) 321-8511 opt. 5 or tech@freemansupply.com!**

Newsletter Video Links

As always, the following videos are exclusive to newsletter subscribers!



[Creating a Part with Freeman Fillers](#)

[Casting Thin-Walled Parts](#)

[Casting Molds & Models w/Intricate Detail](#)

[Multiple Cavity Molds](#)

[Silicone Molds w/Complex Parting Lines](#)

[Building an Epoxy/Fiberglass Mold](#)

[Vacuum Bagging a Carbon Fiber Part](#)

Don't forget to take advantage of our [website](#) for resources such as TDS, SDS, and more for all of our products. Thank you for subscribing to our newsletter, and we look forward to servicing your material needs!

Sincerely,
Freeman Manufacturing & Supply Company

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