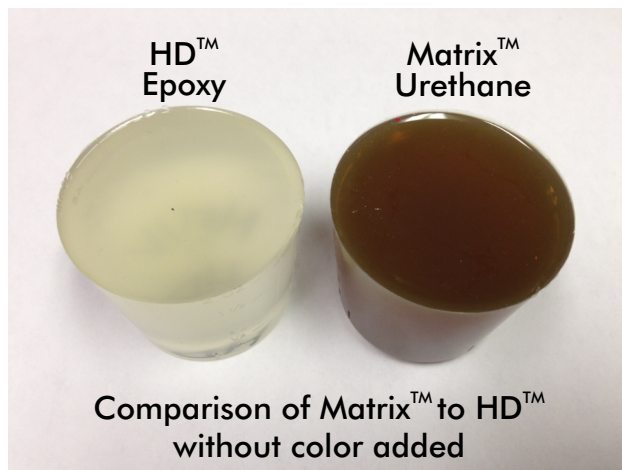


# Plug with Matrix™ urethane or HD™ epoxy?

1:1 RATIO  
**MATRIX™**  
URETHANE BALL PLUG



Close-up of cured Matrix™  
Urethane Ball Plug.  
Virtually no air bubbles!



## Short answer - Yes, both!

For standard plugging, we still recommend MOTIV HD epoxy because, as you can see above, it cures clear and will be much easier to color match than Matrix. As shown to the right, Matrix can be color matched to look very professional, but it will require using the concentrated Optix colors, which are also compatible with HD.



## TROUBLESHOOTING MATRIX

### Spout Clogged:

- Store box flat ready to dispense.
- Do NOT turn spout upward between plug jobs.
- Wipe Matrix from spouts after use.
- If seized, scrape buildup off spout.

### Color Whitening:

- Color match the Resin (clear compound) before adding the Hardener.

### Plug Separation:

- Mixing too long. Mix for 15-20 and pour immediately.

### Air Bubbles:

- Mixing too long. Mix for 15-20 and pour immediately.

The significant advantage of Matrix is speed. HD epoxy cures in 6-8 hours at the recommended temperature, while Matrix urethane is hard to the touch in 5-10 minutes and can be drilled just 1 hour after pour.

Typical urethane ball plugging products have significant problems with air bubbles. However, as you can see in the photo, Matrix has virtually no issues with air bubbles.

In conclusion, we recommend HD for standard plugging and Matrix for urgent plug work, custom molded thumbs, and slugs. Both systems have their place in the pro shop.



**MOTIV™**  
[www.motivbowling.com](http://www.motivbowling.com)