



3292 East Hemisphere Loop  
Tucson, AZ 85706-5013  
Tel: 520-573-6300  
Fax: 520-573-2057

## INSTRUCTIONS FOR USING AQUASEAL™ WSS 3818

Aquaseal™ has been specially formulated to seal the water-soluble mandrel materials Aquacore™ and Aquapour™.

Form the mandrel material into the desired shape and dry it in a convection oven to cure. Once the mandrel is dried and cooled, apply Aquaseal™ to seal the product prior to usage. It will take 3-4 coats to acquire the desired finish.

***Note: Aquaseal™ is not to be used on mandrel prior to drying in convection oven.***

### Tips for Applying Aquaseal™

- Shake sealer well before applying it to the mandrel, as settling is common.
- Aquaseal™ can be sprayed or brushed onto the mandrel.
  - ◆ Aquaseal™ can be sprayed on with an airless sprayer.
  - ◆ Aquaseal™ can be applied with any brush suitable for latex or water-based paint.
  - ◆ It will take several coats to obtain the desired finish on the mandrel material.
- Recommendation: Spray the first coat onto the mandrel and allow to dry. Once the first coat is dry, you can continue to spray or brush the additional coats.
- Drying times for Aquaseal™ vary according to humidity and room temperature. It will be necessary to apply 3-4 coats. We have added an environmentally safe dye to aid in detecting how well the sealer is applied.
- Allow approximately 30 minutes drying time in an oven at 100°F between coats for sealer to dry properly.
- To remove, simply wash out mandrel material and sealer with tap water. Room temperature water will remove sealer, but heated water will significantly increase the wash out process.
- Aquaseal™ takes slightly longer to dissolve than the mandrel, but still requires only water. Soaking in water for 15 minutes will loosen sealer. No special procedure is needed for the disposal of the product; Aquaseal™ is completely environmentally friendly.

For further questions and inquiries, please contact Advanced Ceramics Research for additional assistance at 520-573-6300.