



Aquapour™

Aquapour™ is a powdered mandrel material which is easily mixed with water. Aquapour™ may be poured or injected into molds to form complex mandrels for composite lay-ups.

Aquapour™ is readily soluble in cold tap water and can easily be washed away from the finished part.

Aquapour™ saves time and labor, and the wash-away feature minimizes the possibility of damaging fine details. Aquapour™ is formulated to minimize air bubbles and voids.



Aquapour™ Benefits:

- ✓ Easily mixed with water
- ✓ Pourable and injectable
- ✓ Environmentally friendly; no special disposal procedures required
- ✓ Washes away in cold tap water
- ✓ Compatible with all commercial resins and pre-preg compounds
- ✓ Makes complex part manufacturing possible
- ✓ Easily dried in a convection oven
- ✓ Easily repaired
- ✓ Saves time, labor and money



Aquapour™ Specifications:

Compressive Strength: 596 ± 46 psi at 70°F/21°C

Density Dry: 35.8 lbs. / cu. ft.

Coefficient of Thermal Expansion: 3.6 x 10⁻⁶ mm / mm°C

Aquaseal™ is recommended to seal the tool and prevent resin migration.

Call or fax Advanced Ceramics Manufacturing for assistance with your specific requirements.

