

Ceramic Pourable Compound (CPC)

Since 1995, Arjay's Ceramic Pourable Compound is Over 50,000 Transoms Strong... and Growing

Boat manufacturing processes have improved a lot over the years, and Arjay has been there every step of the way. Our CPC is becoming the standard for boat hull transoms, where extremely high compressive and flexural strengths and low exotherm in large masses are not only required, they're everything. Today's transoms hold more weight and power than ever before, and failure is not an option.



Hull Liner Method

Hull liner is designed with an aft portion that serves both as an inside form and final inner laminate. Spot application of foam prevents CPC from escaping.

Special FRP Laminate

A laminate (Left) can be laid up off line, is trimmed and tabbed in using spacers to provide the form for pouring and also serve as the inner laminate.

Reusable Form

A natural release material like HDPE can be shaped to provide the inside form for multiple applications. The perimeter of this form must be sealed temporarily with a fairing compound such as Arjay's 1301. After removal, the entire surface should be sanded before application of the interior laminate.

Repair: Rescuing Old Transoms

Many older powerboats were built with plywood transoms, which eventually rot. Arjay's CPC allows repair of these transoms that's minimally invasive, takes less time, and is ultimately more cost effective.

FILLING



ABOVE: Pouring Arjay CPC into cavity between special FRP laminate and hull transom laminate



LEFT: Sealing potential leak points with foam prior to CPC addition

For More Applications, See www.arjaytech.com

OTHER USES



CPC as a Backup for Bolting Hardware

A higher viscosity version (6011HV) can be used as a backup for through bolting marine hardware.

SPECIFICATIONS

COLOR: Gray
ODOR: Styrene
TEXTURE: Grainy
WEIGHT: 7.2 lbs/gal
STABILITY: 4 months

VISCOSITY

RPM:	2	20
μ min:	70,000	42,000
μ max:	92,000	28,000

GEL PROPERTIES

GEL TIME: 21 Minutes
INTERVAL: 52 Minutes
TOTAL: 73 Minutes
PEAK EXO: 130 F.

AVAILABILITY

PAILS



#6011

DRUMS



#6011HV