

FIBRECAST COMPOSITE MODULE (CPM)

The FibreCast Composite Module (CPM) is a combination folded and edge grain module. It typically uses a 'ZR' grade blanket on the hot face with an HP grade blanket core. This combination of materials provides an economical high temperature module between the 2150°F & 2450°F temperature range.

They are constructed from high purity spun ceramic fiber blanket. The CPM incorporates a one-shot weld and bolt system complete with #304 stainless steel weld pin, yoke and two (2) support tubes.

The fiber blankets are secured with plastic retaining caps on the end of the support tubes.

The CPMs can also be manufactured using Hi-Alumina, soluble or mineral wool fibers to meet any design condition. Hardware can be adjusted for a self-tapping screw, threaded stud or power actuated charge shot.

Standard size is a nominal 12" by 12", although other custom sizes are available upon request.



AVERAGE CHEMISTRY

	<u>HP</u>	<u>ZR</u>
Al ₂ O ₃	45%	30%
SiO ₂	55%	53%
ZrO ₃	-	16%
Other	Trace	Trace

TEMPERATURE USE LIMITS

	<u>DESIGN</u>	<u>OPERATING LIMIT</u> *
HP	2300°F	2150°F
ZR	2600°F	2450°F

* Thickness & Density dependent.

SHRINKAGE (%)

	<u>HP</u>	<u>ZR</u>
@ 1600°F	0.5	-
@ 1800°F	1.0	-
@ 2000°F	2.0	1.5
@ 2200°F	-	2.4
@ 2400°F	-	2.8

SPECIFICATIONS (CPM)

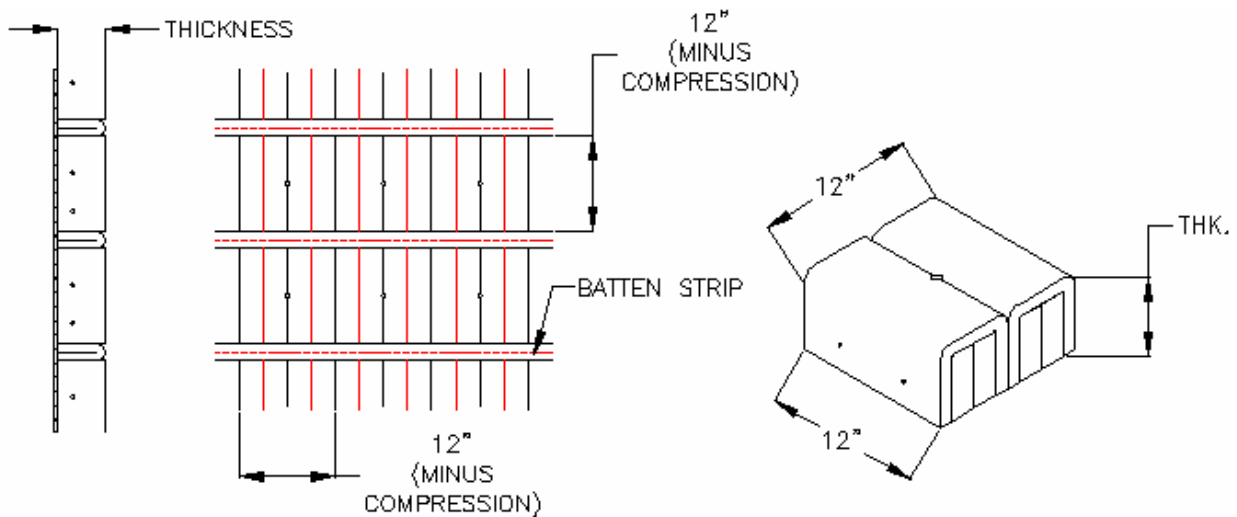
SIZES:	12" x 12" Nominal
THICKNESSES:	4" to 12", in 1" increments
DENSITIES:	6, 8 & 9 PCF
ANCHOR SYSTEM:	1SAS, STS, TS, PACS

PRICING & ORDER INFORMATION

TYPE – THK. – SIZE – FIBRE TYPE – DENSITY – ANCHOR SYSTEM

CPM – 6" – 12" X 12" – ZR/HP – 8# – 1SAS

TYPICAL INSTALLATION



Data listed are average and are subject to variation. Results should not be used for specification purposes. Subject to change without notice.

FibreCast Inc.,
3264 Mainway
Burlington, Ontario L7M 1A7 Canada

Telephone: 905-319-1080
Fax: 905-319-7611
E-mail: sales@fibrecast.com

MADE IN CANADA