

Actchem, Inc.

Sea Meadow House, Blackburne Hwy. - P.O. Box 116
Road Town, Tortola BVI
Ph: 225 751 1599- Fax 225 751 8715
E Mail actchem@aol.com

ACTCHEM[®]-85 VC

PRODUCT DATA SHEET

Actchem[®] VC is a unique version of the original Actchem formulated for cast vibration application. It has a wide range of water usage with the advantage of extended working time.

Properties (Cast)

Test Temperature		Bulk density		Modulus of rupture		Cold crushing strength		Apparent porosity	Permanent linear change
(°F)	(°C)	(pcf)	(g/cm ³)	(psi)	(mpa)	(psi)	(Kg/cm ²)	(%)	(%)
75		190		2200		11000		2.10	
230	110	188	3.01	3000	21.39	13000	900	5.00	0
1000	538	186	2.97	6100	42.88	13000	900	14.10	-0.20
1500	815	186	2.97	5300	7.25	13000	900	14.70	<-0.40
2000	1093	193	3.09	6400	44.90	13000	900	12.40	-0.40
2500	1371	188	3.01	7100	49.90	14000	1000	14.90	-1.50

Abrasion loss

≤ 5 cc

(Based on ASTM C-704 @ 850°C)

Water requirement

4,5 % by Wt.

Chemical analysis – Calcined (Wt %)

AL ₂ O ₃	SiO ₂	FeO ₃	TiO ₂	CaO	P ₂ O ₅	Other
85.50	8.30	0.70	2.20	2.20	0.10	0.70

ACTCHEM[®]-85 VC

Typical applications

- refineries (F.C.C.U. catalyst transfer lines, riser lines, cyclones)
- steel plants
- incineration (fluidized bed boilers)
- cement
- aluminium.

Manufacturer warrants only that its product will meet those specifications designated as such herein or in other publications. All other information, including that therein, supplied by manufacturer, or its licensees/agents is considered given in gratis, and manufacturer/agent assumes no obligation or liability for information or advice given or test results. All such advice is taken and accepted at Buyer's sole risk. Manufactured under license from C and H Labs (Rev.1 - 10/1/03)