

Abrasion Resistant Products

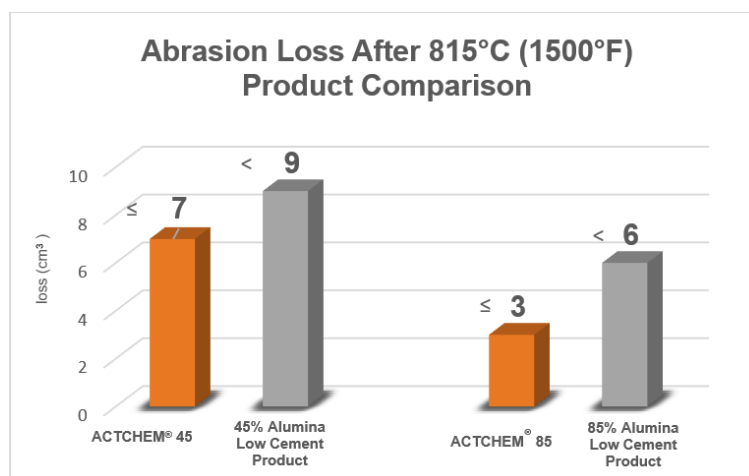
ACTCHEM® is a line of refractory products with superior abrasion resistance that can be gunned, hand packed or rammed. These products were specially formulated to withstand applications with high temperatures and harsh chemical attacks.

Applications

- HPI
- Cement
- Power Generation
- Mineral Processing

Benefits

- Superior abrasion resistance
- Quick dry out
- Excellent resistance to chemical attack
- Products can be gunned, rammed or hand packed
- Wide range of product chemistries



Product	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	Material Required	Cold Crushing Strength 815°C (1500°F)		Abrasion Resistance 815°C (1500°F)
	%	%	%	g/cm ³ (lb/ft ³)	MPa	psi	cm ³ loss
ACTCHEM® 45 VC	43.4	49.2	1.0	2.31 (144)	> 96	> 14,000	≤ 7.0
ACTCHEM® 45 TF	48.5	46.5	0.3	2.31 (144)	> 82	> 12,000	< 5.0
ACTCHEM® 75	75.0	16.7	1.1	2.79 (174)	> 137	> 20,000	≤ 4.0
ACTCHEM® 85	83.4	7.9	1.0	2.96 (185)	> 100	> 14,500	≤ 3.0

VC - Vibration Cast

TF - Trueflow self leveling technology