



# CEM-FIL<sup>®</sup> CONCRETE & MORTARS

## THE EASY WAY TO FIND THE CEM-FIL<sup>®</sup>/ANTI-CRAK<sup>®</sup> SOLUTION

APPLICATION MARKET SEGMENT		ANTI-CRAK <sup>®</sup> HD	ANTI-CRAK <sup>®</sup> HP			
		3, 6, 9, 12, 18mm	12	18	24	67/36
Ready Mix	Plastic Shrinkage	●	●			
	Secondary Reinforcement (Temp, Shrinkage)		●	●	●	●
	Primary Reinforcement					●
Precast				●	●	
Shotcrete	Tunneling & Mining					●

- Primary product
- Product for special needs

## PERFORMANCE BENEFITS GUIDE

APPLICATION	PLASTIC SHRINKAGE	SECONDARY REINFORCEMENT			PRIMARY REINFORCEMENT		
TYPE OF FIBER	MICRO-FIBER			MACRO-FIBER			
RECOMMENDED DOSAGE RANGE	0.6 - 0.9 KG/M <sup>3</sup> 1.0 - 1.5 LB/CU.YD	0.9 - 1.5 KG/M <sup>3</sup> 1.5 - 2.5 LB/CU.YD	1.5 - 5 KG/M <sup>3</sup> 2.5 - 8 LB/CU.YD	5 - 15 KG/M <sup>3</sup> 8 - 25 LB/CU.YD			
PRODUCT BENEFITS	ANTI-CRAK <sup>®</sup> HD	ANTI-CRAK <sup>®</sup> HP					
	3, 6, 9, 12, 18mm	12	12	18	24	67/36	67/36
Dispersion	●	●	●	●	●	●	●
Workability	●	●	●	●	●	●	●
Abrasion Resistance during Mixing/Transport	●	●	●	●	●	●	●
Finishing	●	●	●	●	●	●	●
Prevention of Plastic Shrinkage Cracking	●	●	●	●	●		
Prevention of Temperature & Shrinkage Cracking			●	●	●	●	●
Crack Opening Control (Residual Strength)			●	●	●	●	●

- Excellent
- Very Good
- Good