



CEM-FIL® CONCRETE & MORTARS

THE EASY WAY TO FIND THE CEM-FIL®/ANTI-CRAK® SOLUTION

| APPLICATION MARKET SEGMENT | | ANTI-CRAK® HD | | ANTI-CRAK® 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/M³ 1.0 - 1.5 LB/CU.YD | | 0.9 - 1.5 KG/M³ 1.5 - 2.5 LB/CU.YD | | 1.5 - 5 KG/M³ 2.5 - 8 LB/CU.YD | | 5 - 15 KG/M³ 8 - 25 LB/CU.YD | |
| PRODUCT BENEFITS | ANTI-CRAK® HD | | ANTI-CRAK® 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

