

## Abrafati 2019



SidleyChem will participate in the 2019 Brazilian Coatings Exhibition (Abrafati 2019).

Exhibition Date: October 1-3, 2019 Brazil - Sao Paulo

Booth No.: 237

Welcome to visit our booth.

Sidleychem is specialized in Coating/construction chemicals production and development. We own advanced production equipment and adopt first-class production technology to ensure high quality products with lower cost, making products more competitive in market. Products include: Cellulose ethers(HPMC/HEMC); Hydroxyethyl cellulose; Starch Ether; Calcium Formate; Redispersible Powder



### Hydroxyethyl cellulose Advantages

1. Hydroxyethyl cellulose has excellent biological stability and can prevent the invasion of mold in solution.
2. Hydroxyethyl cellulose can provide good pseudoplasticity in water-based coatings.
3. Hydroxyethyl cellulose has good color spreading and compatibility, and can provide good dispersibility and stability for various substances in the coating.

Recommend Hydroxyethyl cellulose type: HE-40000SE similar Natrosol 250HBR



### Starch Ether Advantages

- 1) Improve sagging resistance and anti-sliding properties, especially in tile adhesive system;
- 2) Retard the opening time of mortar;
- 3) Modify the thickness and rheology of spray mortar and plaster mortar.

Recommend Starch Ether type: HPS-50 similar Avebe 301



### Calcium Formate Advantages

1. Shorten the initial setting time
2. Make the retardation of cement/mortar under low temperature normal.
3. Increase the early strength growth rate.
4. Shorten the closing time in the module during the production of precast concrete.
5. Shorten the time for concrete to reach load capacity.

Recommend Calcium Formate type: CF-98

SidleyRdp<sup>®</sup>

#### Redispersible Powder Advantages

- 1) Improve the adhesion of drymix mortar to various base materials, and ensure the weathering resistance of mortar under various operating conditions.
- 2) Reduce the elastic modulus and improve the elasticity and flexibility of materials.
- 3) Give cement- based tile adhesive long open time, good operability, and anti-slip performance, and improve the work performance of mortar.

Recommend Redispersible Powder type: RDP-8012,8013

SidleyCel<sup>®</sup>

#### Cellulose ether(HPMC/HEMC) Advantages

Cellulose ether plays an important role in drymix mortar/wall putty-

- 1) Provide good water retention.
- 2) Adjust mortar/putty consistency and thixotropy.
- 3) Retard hydration of cement - based mortar.
- 4) Introduce a certain amount of small, uniformly distributed and stable bubbles to reduce contraction and crack of the mortar, and increases the yield of the mortar.

Recommend HPMC type: MPC-80T



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