

culminal™ gap

methylhydroxyethylcellulose

introducing the next generation of culminal™ up, culminal™ gap, a green cementitious additive for premium cementitious tile adhesives (CTA)

description

The cement industry is estimated to contribute approximately 8% of global CO₂ emissions. As a result, the use of composite cements is growing because of their lower carbon dioxide footprint (CEM II and CEM III); however, these formulations negatively impact strength development.

Culminal™ gap is the industry's solution to reducing CO₂ emissions while providing high-performing cementitious tile adhesive.

key features and benefits

performance

- using new methylcellulose chemistry, culminal™ gap reduces impact on cement hydration resulting in higher final tensile strength

usability

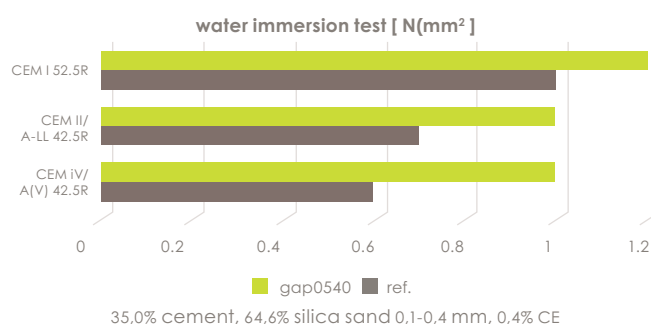
- requires less water but still has excellent workability and sag resistance
- improved strength development at a wide range of temperatures

environmental impact

- use of high performing cellulose ethers enables cementitious tile adhesive producers to use lower carbon footprint cements

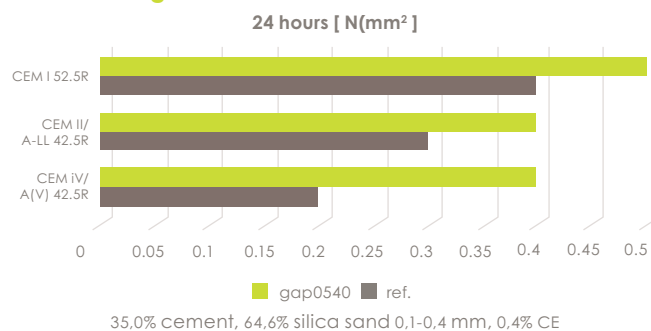
low impact on cement hydration

tensile strength



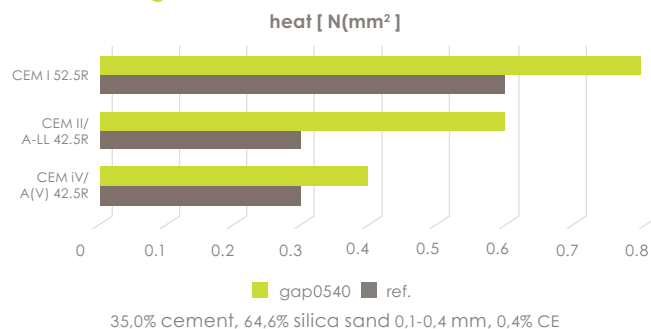
faster strength development

tensile strength



improved setting at high temperature

tensile strength





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