

BERMOCOLL® MT 500

New Cellulose Ether for High Class cement-based Tile Adhesives

Performance Additives – Building & Construction



Product Description

BERMOCOLL® MT 500

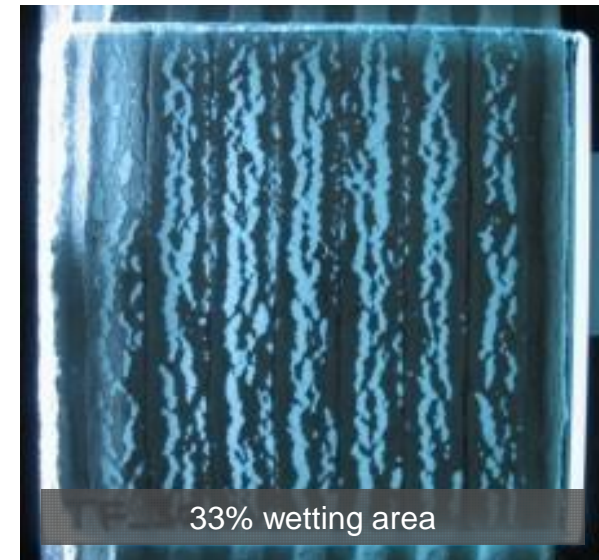
- BERMOCOLL® MT 500 is a extra strongly modified low viscosity grade of methyl ethyl hydroxyethyl cellulose
- Specifically developed for high performance tile adhesives such as C2TE mortars
- Newly developed to improve the open time and skin formation of cement based mortars
- Highly recommended and especially suitable when a high thixotropic effect and high slip resistance are required

Akzo Nobel Performance Additives Building & Construction is continuously investing in basic research in order to better understand fundamental mechanisms. We would be happy to share our latest advances for tiling technology with you and support your new developments.

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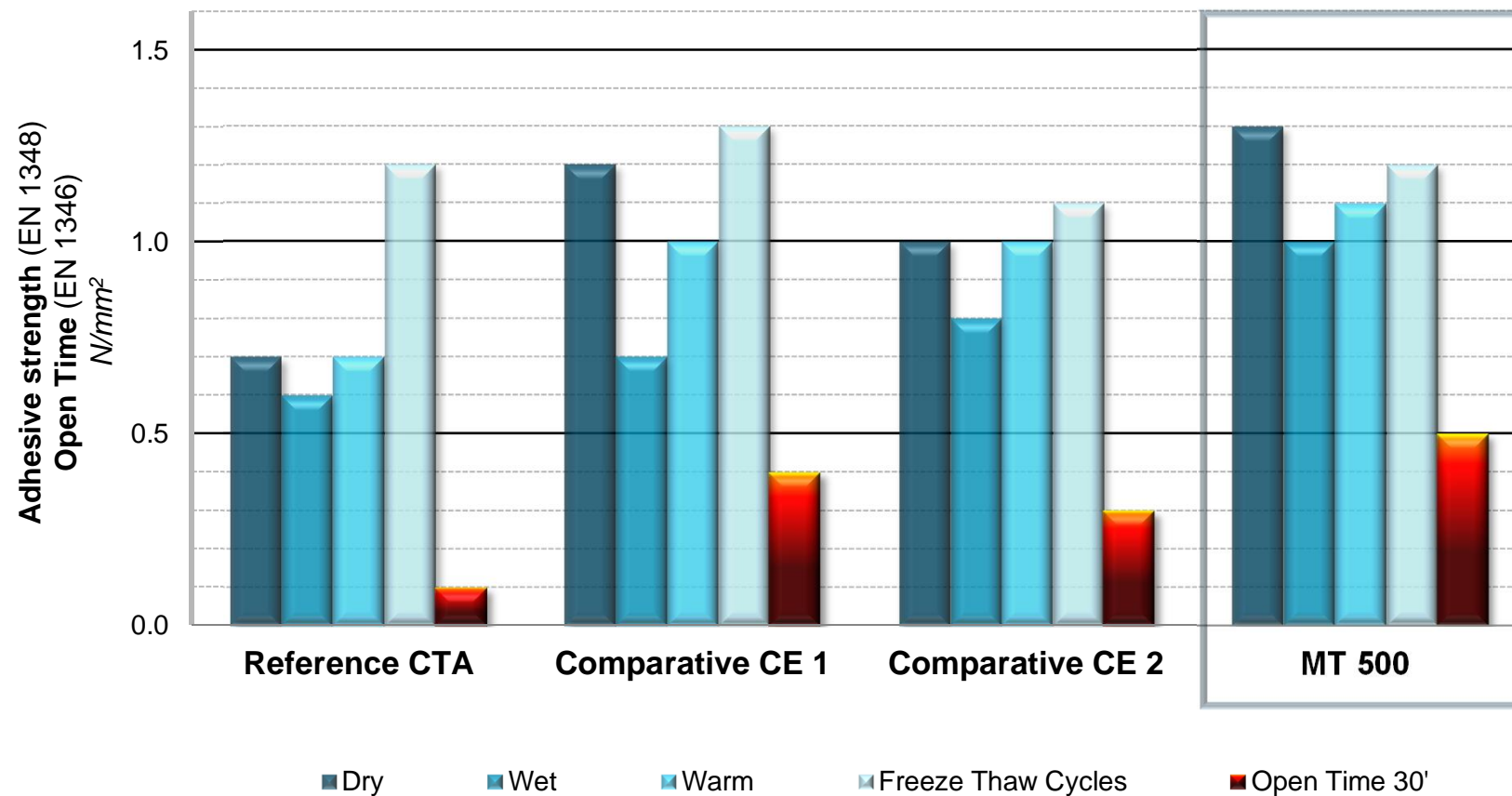
BERMOCOLL® MT 500 provides

- Excellent rheology and workability
- High water demand
- High final consistency
- High slip resistance
- Delayed skin formation
- Extended open time
- Long correction time
- High water retention



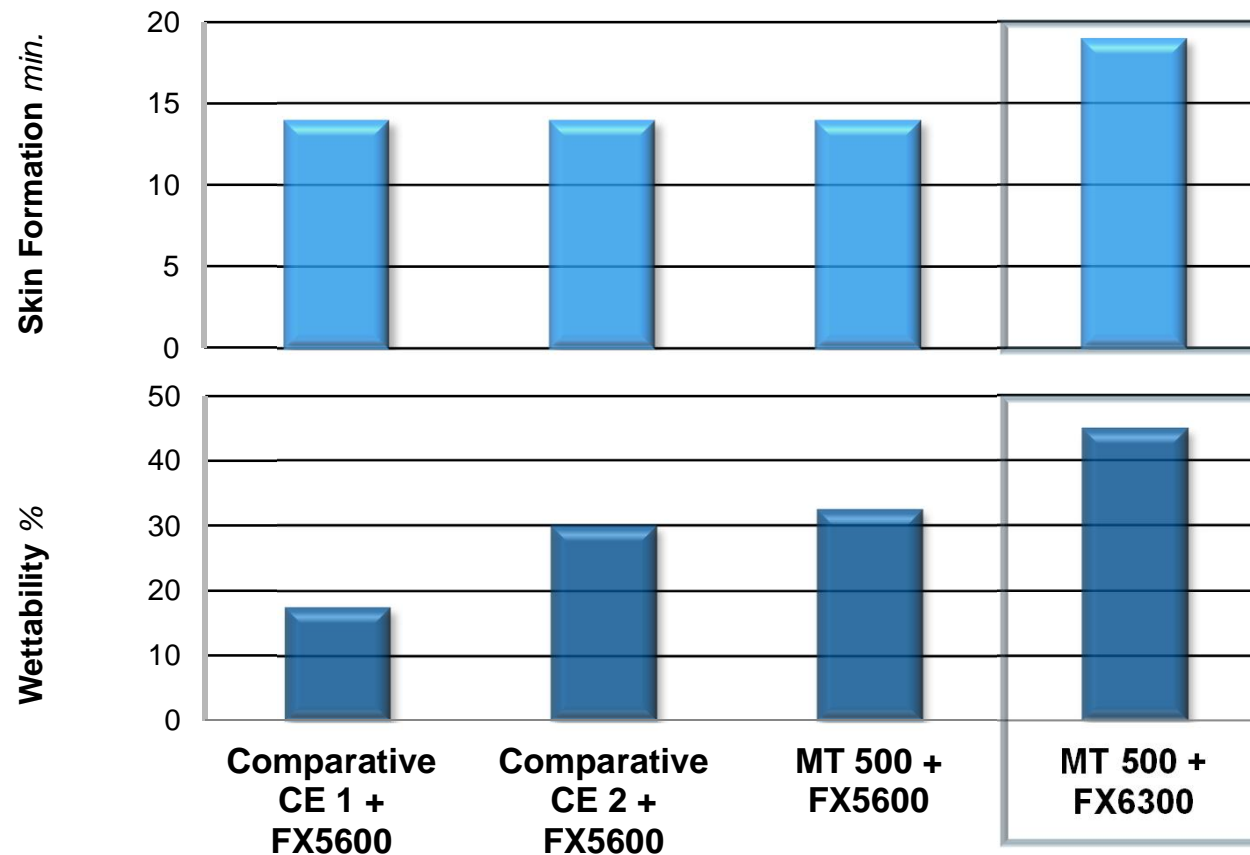
Product Performance

0.45% CE & 4% RPP in a commercial C2TES1 CTA (EN 12004)



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BERMOCOLL® Cellulose Ether Tiling Product Portfolio

Products	BERMOCOLL®	M 10	M 30	M 50	BCM 050	MT 500
Technical Information	Chemical base	MEHEC	MEHEC	MEHEC	MEHEC	MEHEC
	Viscosity (2%, mPas)	7'500	18'000	30'000	3'900	4'500
	Modification	no	no	no	strong	very strong
	Particle Size	fine powder	fine powder	fine powder	fine powder	fine powder
Physical Properties	Open time	●●	●●	●●	●●	●●●
	Water retention	●	●●	●●●	●●	●●
	Anti-sagging	●	●	●	●●	●●●
Applications	Standard quality C1	●●	●●●	●●●	●●	●●
	High quality C2-C2S1	●●●	●●	●●	●●●	●●●
	Outdoor application C2S2	●	●	●	●●	●●
Comments		Non-modified, low viscosity cellulose ether designed for improving water retention, consistency, workability and strength of cement based tile adhesives.	Non-modified, medium viscosity cellulose ether designed for improving water retention, consistency, workability and strength of cement based tile adhesives.	Non-modified, medium high viscosity cellulose ether designed for improving water retention, consistency, workability and strength of cement based tile adhesives.	Strongly modified, low viscosity cellulose ether specifically designed for C2S1 cement based tile adhesives. Improves water retention, consistency, workability and strength of formulations.	Extra strongly modified, low viscosity cellulose ether specifically designed for C2, C2ES1, C2TES1 cement based tile adhesives. Improves water retention, consistency, workability, open time and especially wet strength properties of formulations.

Product Info

Packaging

- 15 kg multiply paper bags with an inner polyethylene bag
- 750 kg CP1 pallet
- Other packages are available on request

Documents

- TDS, MSDS
- Product presentation
- Starting Formulations

Sampling

- Samples are available in 500 g containers
- Please ask your responsible Sales Representative



A photograph of a modern, curved building with multiple levels and large windows. The building is viewed from a low angle, looking up, emphasizing its height and curvature. The architecture features white, curved balconies and railings, with large glass windows on each level. The sky is visible in the background, and the overall color palette is dominated by white, blue, and grey.

**Experience
the difference**