OPTIBENT-7920
OPTIBENT-7925

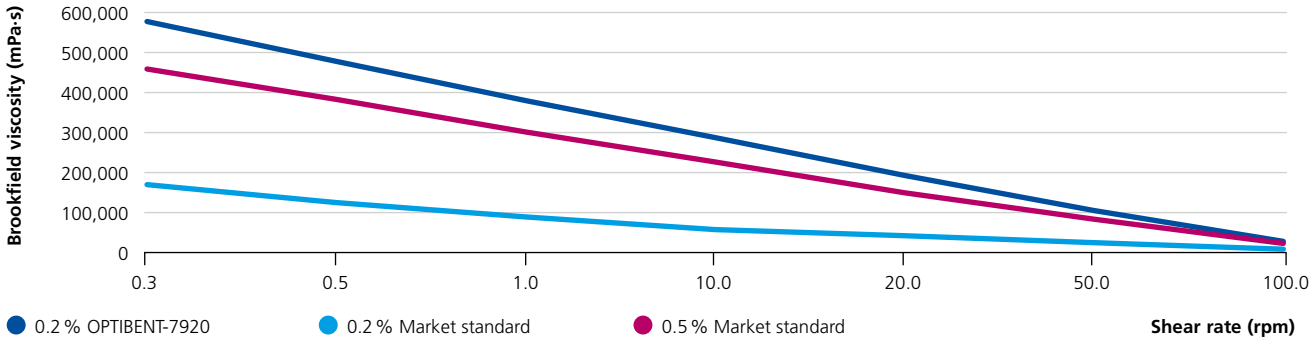
Rheology additives in powder form for aqueous paste-like and cementitious construction formulations with no negative impact on hydration and setting behavior

Layered silicates are often organically treated (modified) to achieve a very high efficiency as rheology additives in construction formulations.

High levels of modification prevent end products from meeting regulatory requirements or current environmental standards. In addition, they often impact the physical and chemical processes in the construction formulations, such as hydration and setting behavior.

OPTIBENT-7920 and OPTIBENT-7925 are a new generation of activated layered silicates from BYK, which, due to a targeted selection of raw materials and a special manufacturing process, attain the desired high effectiveness and therefore require no, or only minor, modification.

OPTIBENT-7920 – Ideal viscosity even at low dosage



Test system: Dispersion-based putty; additive dosage (as supplied) based on the total formulation

General benefits

- Very pure, activated layered silicates
- Highly effective – low dosage possible
- For creamy consistency combined with high sag resistance of the construction formulations → excellent workability behavior

Benefits of OPTIBENT-7920

- Unmodified → no impact on hydration or setting behavior
- Very high degree of whiteness
- Suitable for formulations that meet the most stringent regulatory requirements
- Especially recommended for paste-like systems (dispersions)

Benefits of OPTIBENT-7925

- Mostly inorganic → minimal effect on hydration and setting behavior
- Improves wetting and adhesive properties of systems
- Suitable for formulations that meet stringent regulatory requirements
- Especially recommended for cementitious and alternative binder systems (hybrid cement, geopolymers, SCM)

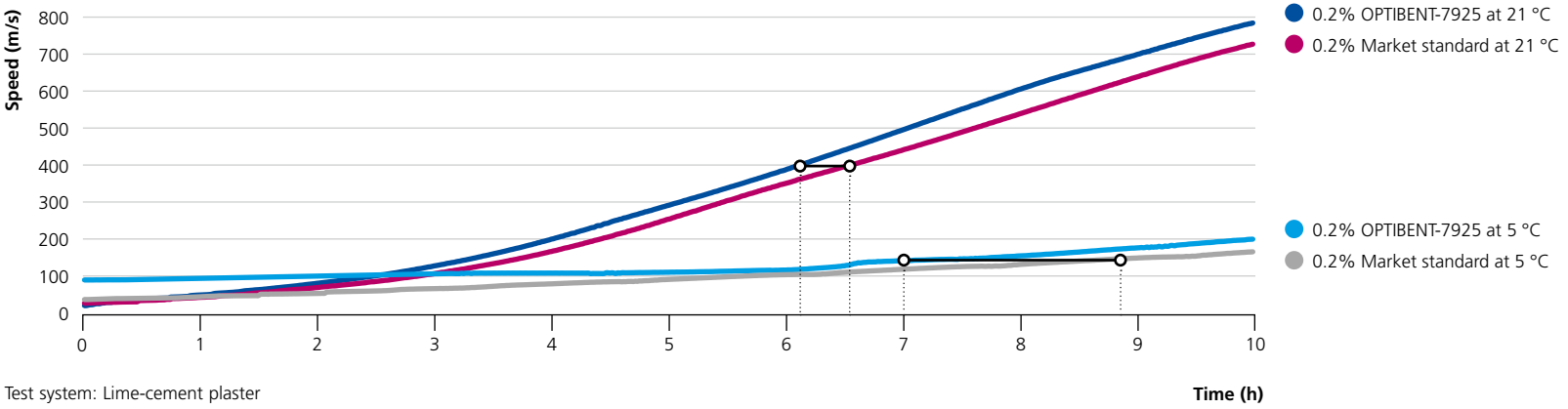
Perfect wetting and adhesion with OPTIBENT-7920

OPTIBENT-7920 **Market standard**

Tile adhesives manufactured with **OPTIBENT-7920** have a particularly creamy consistency, resulting in perfect wetting of tiles and therefore very good adhesion.

Test system: Tile adhesive C2/TE; additive dosage: 0.2 % additive (as supplied) based on the total formulation

OPTIBENT-7925 – Faster setting process



Test system: Lime-cement plaster

Test method: Measurement of the setting process using the IP-8 ultrasonic measuring system from UltraTest GmbH.

Click here for your local contact

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