



Pangel HV

Mineral rheological additive for aqueous systems



Description	<p>PANGEL HV is a high efficiency rheological additive, manufactured from high purity sepiolite. Its presentation as a high porosity pellet avoids handling with powder, allowing for maximum efficiency. It is a rheological additive in the form of pellets, for a more convenient handling system.</p>
Properties	<p>PANGEL HV imparts excellent thixotropic and pseudoplastic properties to the systems in which it is incorporated, improving stability and spreading properties:</p> <ul style="list-style-type: none">• At rest, it provides the system with a high consistency, which produces a suspending effect and a great resistance to settling, avoiding sedimentation.• Under a shear stress, PANGEL HV forces the viscosity to promptly fall down, easing manual and mechanical spreading and levelling. <p>PANGEL HV controls system flow and consistency, ensuring optimal distribution of solvents, filler and other components.</p> <p>Suspensions made with PANGEL HV are stable even at high electrolyte concentration. Its rheological behaviour is stable in a wide pH range and at high temperatures.</p> <p>PANGEL HV keeps a high absorption capacity and a high degree of interaction with polymers.</p>
Fields of application	<ul style="list-style-type: none">• Fibrocement.• Suspending agent for liquid additives.• Water-based paints.• Foundry coatings.• Asphalt emulsions.• Suspension fertilisers.• Liquid fertilisers.

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