



# Pangel B10

*Rheological additive for medium-low polarity system*



**PANGEL B10** is a powdered additive with a high thickening and anti-settling capacity for medium-low polarity systems, particularly recommended for systems based on white spirit type solvents.

- Sealants and joints: Improves wetting and suspension properties; controls sliding.
- Others: Control of sagging and dripping; improves stability.

## Properties

**PANGEL B10** is particularly recommended to provide thixotropic, suspension and sagging-resistance properties to systems based on White Spirit type solvents. In these medium-low polarity systems, **PANGEL B10** does not require the use of a polar activator for its dispersion.

**PANGEL B10** provides a strongly pseudoplastic character, producing high consistency levels without affecting viscosity during application. It exhibits its high effectiveness as anti-settling additive in formulations with high solid contents.

Use of **PANGEL B10** has the following advantages against other conventional additives:

- Coatings and paints: Prevents settling of pigments and fillers; controls sagging without aggravating leveling; high stability during transportation and storage.
- Printing inks: Improves consistency and prevents settling of pigments.
- Drilling mud: Increased dispersibility and stability at high temperatures; high thickening and suspension capacity.
- Lubricant greases: High thickening capacity; good stability at high temperature.
- Asphalt coatings sagging control; improves dispersion and prevents settling of fillers; improves plastic behavior at extreme temperatures; slows ageing, simplifies application and improves finish.

## Fields of application

Use of **PANGEL B10** as a rheological additive is recommended in the following applications:

- Coatings and paints: Decorative enamels, alkyds, coatings for lower part of car, signaling, marine coatings, automobile priming, oven-cured enamels.
- Printing inks: Naphthenic and aromatic oils, vegetable oil, newspaper black ink, heat-set.
- Drilling mud: In mineral oil in polyalphaolefins.
- Greases: In mineral oils.
- Sealants and joints: Rubber.
- Asphalt coatings.
- Others: Putties, rubber, gel-coat, emulsions.

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