



# Pangel B20

*Rheological additive for intermediate polarity systems*



**PANGEL B20** is a powdered additive with a high thickening and anti-settling capacity for intermediate polarity systems, particularly recommended for systems based on aromatic and unsaturated polyester type solvents.

## Properties

**PANGEL B20** is particularly recommended to provide thixotropic, suspension and sagging-resistance properties to systems based on aromatic and unsaturated polyester type solvents, **PANGEL B20** does not require the use of a polar activator for its dispersion.

**PANGEL B20** 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 B20** 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.
- Unsaturated polyester putties: Improves consistency and workability.
- Paint strippers: Improves stability and facilitates stripping action.
- Greases based on vegetal oil: High thickening capacity; good stability at high temperature.
- Asphalt coatings: High thickening capacity; application in thicker layers; sagging control.

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

## Fields of application

Use of **PANGEL B20** 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, Epoxy, Epoxy 2K with high solid content, Urethane, nitrocellulose based varnish Unsaturated polyester, Water soluble paints.
- Printing inks: Naphthenic and aromatic oils, Vegetable oil Newspaper black ink, Heat-set, Nitro-based inks, Engraving inks.
- Unsaturated polyester putties.
- Paint strippers: Methyl ether propylene glycol acetate.
- Greases: In vegetal oils.
- Asphalt coatings.
- Sealants and joints: Silicon, PVC / acrylic, polyurethane, polysulfur, acrylic, rubber.
- Others: Plastisol and rubber, emulsions, gel-coat, nail varnish.

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