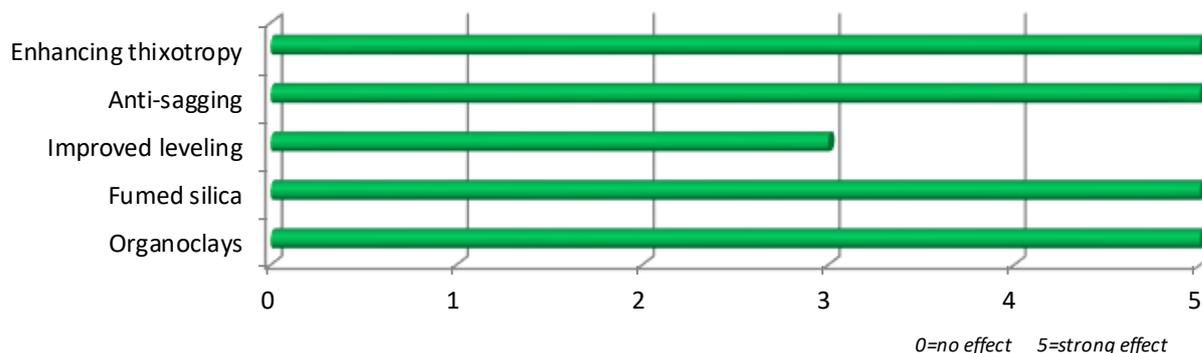


UNIQ[®] SPERSE P-405

Liquid rheology additive



UNIQ[®] SPERSE P-405 is a liquid rheology additive for plastic applications such as vinyl ester and epoxy resins, unsaturated polyester resins, and gel coats. It can reinforce the rheological effectiveness of fumed silica and organophilic phyllosilicates (organoclays). By adding the additive, incorporation of the fumed silica is made easier, separation is prevented, and the thixotropic behavior increased or stabilized.

Special Features

- Suited for UPE, vinyl ester and PU system
- Liquid rheology additive for fumed silica and organophilic phyllosilicates (organoclays)
- Enhancing the thixotropy
- Achieves sufficiently high anti-sagging properties with low quantities of silica or phyllosilicates
- Improved leveling and air release properties
- Preventing resin separation during storage
- Prevent fillers settling during storage.

Application

Ambient curing systems	
UPE	■
Epoxy	■
PU	■
Adhesives and sealants	
UPE	■
Epoxy	■
PU	■

highly recommended ■

recommended □

Product Specification

Active ingredients	100 %
Density 20°C	0.94 g/cm ³
Flash point	> 100°C
Appearance	Brownish liquid

Addition levels

Amount of solid additive based on pigment (SOP):

- Pyrogenic silica in vinyl ester resins: 20 – 50%
- Pyrogenic silica in other resins: 10 – 30%
- Organophilic phyllosilicates (organoclays): 5 – 20%
- Inorganic fillers: 0.5 – 2%

The above recommended levels can be used for orientation and needs to be optimized by testing.

Packaging

- 25 kg

Shelf life

UNIQ[®] SPERSE P-405 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture.