

SCHWEGO® thix 8315

Rheological additive for solvent borne coating systems

Chemical base	Organically modified aluminium derivative	
Properties	SCHWEGO® thix 8315 increases the viscosity of binders in solvent borne systems and causes pseudoplastic rheology. SCHWEGO® thix 8315 acts only on binders containing ester-, hydroxyl- or other functional groups, which are able to form hydrogen bonds. Polar solvents may have an influence on the effectiveness.	
Applications	SCHWEGO® thix 8315 is suitable for thickening of all common solvent containing binder systems with polar groups. It is particularly suitable for high build systems, stoving paints and DIY-paints. The main advantages are: • Liquid, easy incorporation • Temperature stable • No influence on gloss • Prevents settling and sagging	
Technical data (Guide values)	Appearance	yellowish liquid
	Density (ISO 2811-1)	0.97 g/cm ³
	Flash point (ISO 1523)	85 °C
Processing	Add SCHWEGO® thix 8315 slowly under constant stirring. Thorough mixing is necessary in order to avoid uneven reaction and subsequent formation of gelled particles. Therefore, it is recommended to add SCHWEGO® thix 8315 before dispersion. The final viscosity is reached after approximately 24 hours. Post addition for viscosity adjustment is possible, if homogeneous distribution is guaranteed. The quantity varies with the reactivity of the binder and the necessary viscosity. The recommended dosage is between 0.2 – 2.0 %, for printing inks 0.5 - to 6.0 %.	
Storage	Keep SCHWEGO® thix 8315 in a cool, well-ventilated place. Store SCHWEGO® thix 8315 in well closed containers in a dry location as it is sensitive to moisture and will be decomposed. Subject to appropriate storage, the described properties of SCHWEGO® thix 8315 remain stable for at least 21 months, in unopened original drums.	
Packaging	25 kg can	

