BYK Chemie BYK-347

BYK-347 is a silicone-based surface agent for water-based coatings and inks. Specifically, BYK-347 imparts a strong reduction of surface tension, and also imparts improved substrate wetting without increasing surface slip. BYK-347 also improves levelling, and does not impact intercoat adhesion. BYK-347 is supplied as 100% active and can be used without the addition of any co-solvent.

While BYK-347 is a very good product, it is TRiiSO's opinion that AFCONA 3580 represents a much better option. AFCONA 3580 is also a modified polysiloxane wetting agent for water-based coatings. While not a direct chemical offset, our side-by-side comparisons demonstrate that AFCONA 3580 provides the same level of performance as BYK-347. In fact, our tests indicated that AFCONA 3580 provided much better levelling and defoaming than BYK-347. Afcona 3580 Slip and Levelling Agent is very mobile in water-based coatings and can quickly migrate to problem areas to fix coating defects. Additionally, Afcona 3580 Slip and Levelling Agent prevents cratering and does not cause inter-coat adhesion problems. Finally, Afcona 3580 Slip and Levelling Agent does not stabilize foam. Afcona 3580 Slip and Levelling Agent is particularly recommended for use in all types of water-based coatings with a pH range of 4-10.

Please click here to request a sample, quotation or additional information on BYK-347.

BYK-347 is a registered trademark of BYK Chemie. Tri-iso TryLine does not distribute BYK-347 or other BYK Chemie products.