

Borchi[®] Add 406WS

Compatibilizer developed to improve color acceptance of universal tinting systems

Physical Characteristics

Appearance	Light yellow, viscous liquid
Non-volatile content	89 – 91 %
pH	5 – 7 (aqueous solution 10 %)
Density	1.12 g/cm ³ , 20°C
Viscosity	max. 100s (DIN cup 6 mm) (23°C)
Solvent(s)	NA

Features

- Drastically reduces or eliminates rub-out of universal water-based concentrates in solvent-based alkyd bases
- Easy to use as a post-additive
- Improves compatibility
- 90% solid in water
- APEO- and VOC-free

Applications

- Universal water-based concentrates in solvent-based alkyd systems

Dosage

1 – 3 % active on basecoat.

Safety

Please refer to our safety data sheet for information relating to product safety.

Borchi® Add Testing Plan

Phase 1:

1. Add each Borchi® Add product into the incompatible system individually
 - a. Below is a table of test formulations
 - Formulations are out of 100 for ease of calculation, but you can scale to whatever is appropriate for your equipment
2. Mix/Agitate for 1 minute at 1500 rpm
3. Drawdown the sample next to a control sample
4. Perform a rubout test to see if the Add produces a homogenous coating with reduced/no rubout

Materials	Control	Sample 1	Sample 2
Incompatible Base	100.00	100.00	100.00
Borchi® Add 406WS	0.00	1.00	0.00
Borchi® Add 409WS	0.00	0.00	1.00
Total	100.00	101.00	101.00

Phase 2:

1. Add the best Borchi® Add product from Phase 1 into the incompatible system as a ladder at 1%, 2%, and 3%
 - a. Below is a table of test formulations
2. Mix/Agitate for 1 minute at 1500 rpm
3. Drawdown the sample next to a control sample
4. Perform a rubout test to see which level of Add produces the best coating with reduced/no rubout

Materials	Control	Sample 3	Sample 4	Sample 5
Incompatible Base	100.00	100.00	100.00	100.00
Best Borchi® Add	0.00	1.00	2.00	3.00
Total	100.00	101.00	102.00	103.00