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Borchi® Add 409WS

TECHNICAL DATA

Compatibilizer developed to improve color acceptance of universal tinting systems.

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
- 100% solid
- APEO- and VOC-free

PHYSICAL CHARACTERISTICS

Appearance	High viscous, colorless to yellow liquid
Non-volatile content	100 %
pH	6 – 7.5 (aqueous solution 10 %)
Density	1.02 – 1.06 g/cm^3
Viscosity	Max. 3,000 mPa.s
Solvent(s)	NA

APPLICATIONS

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

DOSAGE

1 – 3 % active on basecoat

STORAGE

Protect from the effects of weather and store at temperatures between 5 and 30 °C. Slight turbidity may occur during storage, but this does not affect the performance of the product. Once opened, containers should be resealed immediately after each removal of the product.

SAFETY

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

Contact us for more information
www.borchers.com/contact

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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.
        i. 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	**0.00**	**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**

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