

Borchi® Boost 540WS

TECHNICAL DATA

Improves color acceptance for ready-made dispersions and tinting systems in a wide range of basecoats

FEATURES

- Stronger tints and elimination of color rub ups
- 100% solids
- APEO- and VOC-free

PHYSICAL CHARACTERISTICS

Appearance	Liquid, yellow-orange
Non-volatile content	100 %
pH	8 - 10 (aqueous solution 10 %)
Density	1.09 - 1.15 g/cm ³
Viscosity	Max. 30,000 mPa.s
Solvent(s)	NA

APPLICATIONS

- Coatings
 - Decorative
 - Pigment dispersions

DOSAGE

- Post add to base coat 1-3% on basecoat weight
- Post add to pigment concentrate 1-3% on weight

STORAGE

Protect from the effects of weather and store at temperatures between 15 and 30 °C. Turbidity and flocculation may occur if Borchi® Boost 540WS is exposed to temperatures below 15 °C. This effect is reversible and does not affect its potency. Warm the material to room temperature and mix well before using. If its viscosity has also increased and it is difficult to handle the material must be heated to 50 °C to return the viscosity to normal. 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

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

Borchi® Boost Testing Plan

PHASE 1

1. Add each Borchi® Boost 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
 - ii. Borchi® Boost 510W is used at 2% as it is 50% active in water, the other two additives are 100% active
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 Boost produces a homogenous coating with reduced/no rubout

Materials	Control	Sample 1	Sample 2	Sample 3
Incompatible Base	100.00	100.00	100.00	100.00
Borchi® Boost 510W	0.00	2.00	0.00	0.00
Borchi® Boost 540WS	0.00	0.00	1.00	0.00
Borchi® Boost 570WS	0.00	0.00	0.00	1.00
Total	100.00	102.00	101.00	101.00

PHASE 2

1. Add the best Borchi® Boost product from Phase 1 into the incompatible system as a ladder at 1%, 2%, and 3%.
 - a. Below is a table of test formulations.
 - i. If Borchi® Boost 510W performs the best, the samples would be 2.00, 4.00, 6.00.
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 Boost produces the best coating with reduced/no rubout.

Materials	Control	Sample 4	Sample 5	Sample 6
Incompatible Base	100.00	100.00	100.00	100.00
Best Borchi® Boost	0.00	1.00	2.00	3.00
Total	100.00	101.00	102.00	103.00

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