



Stainban™ 186

Description – Aqueous Tannin Stain Inhibitor Additive for Wood Primers

Stainban™ 186 is a zinc free, odorless, aqueous tannin stain inhibitor additive for water based primers. The unique mechanism of this product allows it to effectively block tannins in stains, and pigmented coatings. It can be easily incorporated at any stage of the paint manufacturing process and is compatible with a wide range of surfactant and dispersants. Stainban™ 186 is effective at any PVC value of primers, however, it is more economical at higher PVC. It may reduce or eliminate the need for zinc oxide in primer formulations. Paints made with Stainban™ 186 have good storage stability and improved humidity resistance. It is HAPS free and does not contribute to VOC. Typical use level ranges from 1 – 4% based upon total formula weight.

Characteristic	Test Method	Typical Value
Appearance		Clear Liquid
Potassium as K ₂ O [%]		15 -16
Zirconium as ZrO ₂ [%]		17 - 20
Water [%]		47 - 49
Specific Gravity	ASTM D-891-09	1.50 - 1.60
pH	ASTM E-70	10.5 – 12.0
Solubility in Water		Complete
Solids [%]		41.0 - 43.0
Volatile Organic Compounds, [VOC]		0
Heavy Metals [%]		0
Hazardous Air Pollutants (HAPS) [%]		0

Suggested Applications
For all wood species
Acrylic Primers
Acrylic Blends
Styrenated Acrylics
Alkyds

These are typical values and do not represent specifications.

Performance in other systems has not been fully evaluated.

Disclaimer: Avoid contact of product with metal objects, except Stainless Steel. Do not store in metal containers.

The information made herein is based upon our research and the research of others, and is believed to be accurate. No guarantee of accuracy is made and the product discussed is sold without warrant, expressed or implied and upon the condition the purchaser shall make their own tests to determine the suitability of such product for their particular purposes.

