



## Technical Data Sheet

### Stainban® 187

#### Description – Organic/Inorganic Inhibitor

Stainban® 187 is a zinc free, aqueous tannin stain inhibitor additive for water based primers intended for wood protection. The unique mechanism of the product allows it to effectively block tannins in stains and pigmented coatings. It can be easily incorporated at any stage of paint production and is compatible with a wide range of surfactant and dispersants. Stainban® 187 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 and stabilizing amines in primers. Paints made with Stainban® 187 have good storage stability and improved humidity resistance. It is HAPS free and does not contribute to VOC. Typical use level ranges from 1 – 3% based upon total formula weight.

Characteristic	Test Method	Typical Value	Suggested Applications
Appearance		Clear Liquid	For all wood species
Zirconium as Zr <sub>2</sub> O <sub>2</sub> [%]		15 - 25	Acrylic Primers
Ammonia as NH <sub>3</sub> OH [%]		20 - 25	Acrylic Blends
Sulfate as SO <sub>4</sub> [%]		1 - 3	Styrenated Acrylics
Water [%]		Balance	
Specific Gravity	ASTM D-891-09	1.37 - 1.41	
pH	ASTM D-1208 (3)	9.1 - 10.2	
Solubility in Water		Complete	
Solids [%]		30.0 – 34.0	
Volatile Organic Compounds, [VOC]		0	
Heavy Metal [%]		0	
Hazardous Air Pollutants (HAPS) [%]		0	

These are typical values and do not represent specifications.

**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.

