Stainban® 185

Description – Aqueous Tannin Stain Inhibitor Additive for Wood Primers

Stainban® 185 is an aqueous tannin stain inhibitor additive for water based primers intended for wood protection. 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 manufacturing process and is compatible with a wide range of surfactant and dispersants. Stainban® 185 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® 185 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
Appearance		Clear Liquid
Zinc as ZnO [%]		5 - 10
Zirconium as ZrO_2 [%]		10 - 20
Ammonia as NH_3OH [%]		20 - 25
Water [%]		Balance
Specific Gravity [g/cm^3]	ASTM D-891-09	1.27 - 1.35
pH	ASTM D-1208 (3)	9.0 - 10.5
Solubility in Water		Complete
Solids, Weight [%]		17.5 - 19.0
Volatile Organic Compounds [VOC]		0
Heavy Metal [%]		0
Hazardous Air Pollutants (HAPS) [%]		0
APEO Free		Yes

Suggested Applications
For all wood species
Acrylic Primers
Acrylic Blends
Styrenated Acrylics
Alkyd emulsions

Performance in other systems has not been fully evaluated.

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.

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