Stainban® 180

Description: Aqueous Tannin Stain Inhibitor Pre-Treatment for Wood Substrates

Stainban® 180 is a zinc free aqueous tannin stain inhibitor pre-treatment for wood coatings. It provides optimum tannin stain inhibition on all woods species and does not adversely affect the adhesion of subsequently applied solvent or water based coatings to the wood. Stainban® 180 reacts with and immobilizes the tannins "in situ" of the plant cell structure and improves the dimensional stability of the wood and reducing "grain raising" in water based coatings. Stainban® 180 can be used with clears, semi-transparent and opaque coating systems. It is HAPS free and is free of VOC's. Typical application is to dilute Stainban® 180 prior to application. Mix ratio is 1:1 or 1:2 Stainban® 180:Water.

Characteristic	Test Method	Typical Value
Appearance		Clear Liquid
Acetate as CH_3COO^- [%]		19 - 23
Zirconium as ZrO_2 [%]		21 - 23
Water [%]		Balance
Specific Gravity [g/cm^3]	ASTM D-891 -09	1.25 - 1.35
pH	ASTM D-1208 (3)	2.5 - 4.0
Solubility in Water		Complete
Solids [%]		35.0 - 38.0
Volatile Organic Compounds, [VOC]		0
Heavy Metals [%]		0
Hazardous Air Pollutants (HAPS) [%]		0

Suggested Applications
On all wood species
In conjunction with any kind of waterborne and solvent borne formulations

These are typical values and do not represent specifications.

Disclaimer: Avoid contact of product with metal objects, surfaces, 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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