

Iron FixT™ Series

Brightener Concentrate Family Members: 250, 500, 750, 800, 1001, 1002, AXT®

Dilute with Sapstain and Mold Control Product Working Solutions

Mix only with fully diluted Sapstain & Mold Control Products

For Industrial Use Only

GENERAL:

This concentrate family members contains proprietary mixture(s) of the following ingredients:

1. Several lumber brighteners
2. AXT® Pat. Pending Tech to multiply the performance of mold and sapstain control

PRODUCT DESCRIPTION:

This product is not a pesticide. This product is a brightener and adjuvant that may be used in combination with EPA registered protectants, including Bazooka®, Workhorse®, and Moldshield™ family members. Contact your local Kop-Coat specialist to determine which other lumber protectants and additives can be used in combination with this concentrate.

PRODUCT USE:

The Iron FixT™ products contain a unique combination of iron stain control, iron stain removal and brightening chemistry that is used as an additive with approved dilute working solutions of sapstain and mold control products to enhance the bright appearance of freshly cut (green or dry) lumber and other wood products. The optional AXT® technology multiplies the performance of the mold and sapstain control products to perform much better or more cost effectively. Iron FixT™ helps to remove iron stains from freshly cut lumber and to control the buildup of iron in dilute sapstain and mold control lumber treatment solutions that can cause iron tank-stain discolorations of lumber. When used properly this additive helps to keep lumber bright for many months. For best iron control performance, lumber treatment equipment should be made of stainless steel or fully coated with specialty industrial heavy-duty chemical and corrosion resistant paint. The corrosion of uncoated mild carbon steel and black iron releases iron into treating solutions that can cause severe iron staining that is commonly referred to as "Tank Stain".

The brightening performance can be further enhanced by using Kop-Coat's unique Iron Control Magnet filter. Contact your local Kop-Coat specialist to help you to determine the best

products and programs to meet your performance requirements. Refer to the approved Sapstain and Mold Control Product Data Sheet for information about the following important components of any lumber protection program:

1. Log and lumber management
2. Prevention of fungal pre-infection
3. Use of approved additives
4. Lumber storage inventory & transportation

PREPARATION:

Carefully read the product label and SDS before using and follow all written Environmental, Health, Safety and use instructions. Fully dilute and completely mix the Iron FixT™ Concentrate only with ready-to-use, diluted, end use, working solutions of the approved sapstain and mold control product to the desired end use concentration before using. Add and completely mix approved additives only with fully diluted solutions to avoid performance failures. Contact your local Kop-Coat specialist to select approved sapstain and mold control products and additives. Carefully read sapstain and mold control product and additive product labels and SDS before using and follow all written Environmental, Health, Safety and use instructions. Contact your local Kop-Coat specialist to help you to conduct tests to determine optimal concentration of Iron FixT™, sapstain and mold control products and additives for your performance requirements. Dilution rates will depend on seasonal conditions, exposure during seasoning and storage and transit, treating methods, wood species, wood condition and performance requirements.

APPLICATION:

Fully immerse or spray wood products and ensure that all surfaces are covered and treated with dilute Iron FixT™ and approved sapstain and mold control product solutions. Stains can begin and spread in any unprotected, uncovered area of wood surface. Application rates, gauge retentions and measured performance solids retentions on the



wood product must be monitored for best performance.

Contact your local Kop-Coat specialist to help you to determine the optimal application method and the performance application monitoring program for your performance requirements.

FINISHING:

Treated articles can be finished in the same manner as untreated wood. Always test in an inconspicuous area to determine compatibility with coatings.

PACKAGING:

- Pails (5-gal Plastic)
- Drums (55-gal Plastic)
- Totes (275-gal Poly IBC)
- Bulk 3,000 to 30,000 gal

PHYSICAL PROPERTIES (Typical of family):

Flash point	>200°F
VOC	.39 lb/gal
Freeze/Thaw Stable	Yes
Min Storage Temp.	35°F
Max Storage Temp.	115°F
Density	9.86 Lb/gal
Freeze Point	N/A

Physical properties of dilute solutions will vary based on additives and other components in end-use mixtures.

*Check with local authorities on VOC designations.

SAFETY:

A field test kit is available to monitor the concentration of Iron FixT™ X in both freshly mixed solutions and working treatment solutions. Contact your local Kop-Coat service specialist for test kits and other quality control and quality assurance services.

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