

WOOD FAQ COVERS THESE QUESTIONS

- PAGE 1 -

Q: Which FR products should be applied to wood?

Q: Are our FR products paints?

Q: What type of FR product's are these?

Q: How many square feet per gallon does our wood FR products cover?

Q: What do you mean by Spread Rate? What is the difference between coverage rate and spread rate?

- PAGE 2 -

Q: Does Shingle Kote 200 SK-200 have a different spread rate than the other wood products?

Q: Which product(s) are recommended for an interior application?

Q: Which product(s) are recommended for an exterior application?

Q: What is the difference between, W-1000? FK-100? TF-500? SK-200?

- PAGE 3 -

Q: Can these products be applied to any wood surface?

Q: If this is so, what type of surface can the FR be applied to?

Q: What if the wood is coated or sealed and still needs to be Flame Resistant?

Q: Can I apply a coating after the FR has been applied?

Q: Are these products compatible with water-based coatings? With oil based coatings?

Page 4-

Q: Anything else I should know about oil based coating?

Q: If a code requires a "B" or "C" ("2" or "3") class and I apply an "A" class FR chemical, will it pass the code?

Q: Can our FR products for wood be applied to other types of materials?

Q: Do you need PPE (proper protective equipment) when applying our FR products?

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WOOD FAQ

Q: Which FR products should be applied to wood?

A: Wood Shield™ W-1000, Fire Kote™ FK-100, Termite and Fire Shield™ TF-500, and Shingle Kote™ SK-200.

Q: Are our FR products paints?

A: NO. See below.

Q: What type of FR product's do we have?

A: Our current line of FR products for wood can be classified as either Saturants and/or Penetrants. They could also be classified as coatings, and are designed to soak into the material without leaving a topcoat or finish. Please note that product may "enhance" the grain and slightly darken wood. But does not change color.

Q: How many square feet per gallon does our wood FR products cover?*

A: 1 Gallon of FR for wood will cover 400 square feet Although to reach the proper rating a minimum of 2 Coats (in most cases) must be applied. In this case 1 Gal. will then Cover 200 square feet per gallon to achieve a Class "A" Rating.

Or you could say that the required spread rate per Gallon to reach a Class "A" rating is 200 Square feet per Gallon.

Q: What do you mean by Spread Rate? What is the difference between coverage rate and spread rate?

A: The spread rate is usually the recommended amount of product that needs to be applied to the material to be effective. The coverage rate is the amount of product that can (in most cases) be applied to the surface of a material in 1 Coat.*

* Some wood may soak up the product faster than other types of wood. So in this case the applicator may be able to apply the product with only 1 coat to reach the desired spread rate. As long as 200 - 250 sq.

ft. per gallon is soaked into the material, it can meet the required classification according to current data. For example generally SK-200 will go on Shake Roofs at 75-135 S.F per Gallon with only 1 Coat due to the high absorbency of old Cedar Shakes.

Q: Does Shingle Kote 200 have a different spread rate?

A: Yes! count on using 75-135 Square feet per gallon with only 1 heavy Coat applying to old cedar shakes. This is due to the high absorbency rate and dryness of the wood.

Q: Which product(s) are recommended for an interior application?

A: Wood Shield W-1000 or TF-500 is recommended for interior applications. Although, Fire Kote 100 FK-100 can also be applied to an interior if desired by Client to reach a higher flame resistance or if they need a Class "A" rating.

Q: Which product(s) are recommended for an exterior application?

A: Fire Kote 100 and Shingle Kote SK-200 are recommended for exterior applications.

Q: What is the difference between, W-1000? FK-100? TF-500? SK-200?

A: W-1000 Wood Shield is a general purpose class "B" flame retardant treatment for wood. It is generally used in interior applications and can be used for various other types of materials*.

TF-500 Termite and Fire Shield is similar to W-1000 except it has additives to increase termite and insect resistance.

Fire Kote 100 is a commercial heavy duty Class "A" flame retardant chemical with a higher viscosity and FR content. Flame spread and smoke development is therefore improved. It can also be used when trying to achieve a 30 minute rating on a manufactured product#. And can last up to 5 years exposed to the weather.

Shingle Kote SK-200 is an exterior rated product Class "A" specifically designed for shake shingle roofs, also shake cedar siding. The resin content has been increased

to provide a better seal and will last 5 years or up to 200 inches of rain whichever comes first.

**Please contact a UFS representative for more details.*

Your Product(s) will need to be tested at an independent lab in most cases. We do not provide this testing but can provide preliminary testing to help ensure a passing rating.

Q: Can these products be applied to any wood surface?

A: **NO!** The surface cannot be sealed or have any type of coating on it. The surface also must be free of all defects and cleaned before use.

Applying the FR to a surface with an existing coating can ruin the finish and will not make the material Flame Resistant.

Q: If this is so, what type of surface can the FR be applied to?

A: It can be applied to unfinished and/or uncoated wood. Always check to see if the wood is porous.

Q: What if the wood is coated or sealed and still needs to be Flame Resistant?

A: The applicator must then strip off the old sealant and/or coating and make sure the wood is porous before applying the FR. Another option is to use our Paint Additive and repaint on top (see paint additive faq).

Q: Can I apply a coating after the FR has been applied?

A: Yes. Although the surface must be dry. (see below)

Q: Are these products compatible with water-based coatings? With oil based coatings?

A: Yes. UFS FR is compatible with most water-based and oil based coatings. Please note that a compatibility test should **ALWAYS** be preformed on a small area before applying to entire surface! All product on surface must be cleaned.

Q: Anything else I should know about oil based coating?

A: Yes. You should note that oil based coatings increase ignition possibilities because of their flammability.

Q: If a code requires a "B" or "C" ("2" or "3") class and I apply an "A" class FR chemical, will it pass the code?

A: Yes. Class "B" and "C" have lower flame resistance and higher smoke development (bad) making them virtually obsolete compared to class "A". Class "A" "1" has the best flame resistance and lowest smoke development so it will pass any A,B or C (1,2 or 3) code.

Q: Can our FR products for wood be applied to other types of materials?

A: Yes. As long as the material is porous and not coated with a finish, products such as Fire Kote 100 has been applied to a variety of building materials such as Foam. Although our wood products should never be applied to fabrics.

Q: Do you need PPE (proper protective equipment) when applying our FR products?

A: Yes. PPE should be worn, such as gloves, goggles, and a painters respirator. Also measures should be taken to allow plenty of ventilation when applying indoors.