

Flamecheck™ All Weather: Product Data Sheet

Certifications



Flamecheck™ All Weather is a fire-retardant spray that meets or exceeds a “Class A” finish to ASTM E-84 & ASTM E-108 standards. Flamecheck™ All Weather is similar to Flamecheck M-111 with an additional waterproof barrier. Flamecheck All Weather is a water-based fire-retardant treatment that is non-toxic, non-allergenic, non-corrosive, non-bioavailable, non-odorous (when dry) and environmentally friendly.

Application: Small applications can use a professional paintbrush or roller. Larger applications are suggested to use an airless paint sprayer with a fan nozzle of .05mm. You must apply the 2nd coat before the 1st coat dries. You may use Flamecheck M-111 as the 1st coat if drying is a concern before you are able to apply the 2nd coat. Use application instructions for a semi-transparent stain, so that overlapping marks are not left on the surface being treated.

Coverage: 300-400 sq. ft. per gallon.

Test: Every 3-5 years if the waterproof barrier is gone then reapplication is necessary. On a test sample, apply Flamecheck All Weather, dry, then hold a propane torch on the sample for up to 30 seconds. Once the flame is removed, the treated item should self-extinguish within 2 seconds.

BASIC INFO:

Flamecheck™ All Weather is easy to apply on these absorbent surfaces:

- ✓ Cedar shake roofing tiles
- ✓ Cedar shake siding
- ✓ Wooden decking
- ✓ Wood furniture
- ✓ Wood sheds
- ✓ Wooden fencing

Total Solids:	19%
Relative Density:	1.10
Average pH:	5.8-6.8
Color:	Clear pale yellow
Dries:	Clear
Smell:	Light lemon scent
Bacterial:	Good resistance
Fungus:	Good resistance
Volatility/VOC:	None / 0lb/G1
Toxic:	Non-toxic LD50>5000 Class V
Bio-degradable	Yes
Boiling Point:	>110°C
Evaporation Point:	As water
Solubility in water:	Miscible in all proportions
Dries:	Non-odorous
Viscosity:	Non-viscose
Flammability:	None
Flash Point:	None
Shelf Life:	Unlimited in sealed containers
State at room temperature:	Liquid
Corrosive	Non-corrosive on un-plated mild steel
Linear shrinkage:	None

CERTIFICATES:

Flamecheck™ All Weather meets or exceeds a “Class A” fire-retardant finish when properly applied for these test standards:

- ✓ ASTM E-84
- ✓ ASTM E-108

