



# Passifire®

## Clear Fire Treatment for Timber

A unique water-based fire treatment designed, tested and manufactured in Britain using nano-technology to give certified fire protection with less labour and less wastage

### Product Features

-  Fully tested to Euroclass B-s1,d0
-  Rapidly absorbed into substrate
-  Full protection in only two coats.
-  Will not leach or wash out once dry.
-  Does not require protective topcoat, but may be overcoated with compatible systems.
-  Non-toxic, colourless, odourless,

### Suitable Substrates

Magic Bullet's 'Passifire' is a remarkable fire proofing product for wood and other porous, combustible building materials.

For use on cladding (internal or external), log cabins, sheds & fences, decking, pool enclosures, joists, beams and other elements of timber framed buildings. All untreated woods will have their resistance to fire substantially enhanced with two coats of Passifire®, without any compromise to critical engineering properties – durability, strength, hygroscopicity.

There is no need to overcoat though, if left without a finishing coat, timber may darken marginally. However, Passifire® avoids the dramatic colour changes associated with earlier systems originating from outside the UK.

Timber treated with Passifire®, once dry, does not react with galvanised, stainless steel, brass or zinc-coated screws or fixings.

### Application

The substrate must be clean, dry and free from contamination and any coating or treatment. The moisture content should be 20% or less and the surface temperature should be at least 5°C.

Apply two generous coats at an interval of at least 1 hour by brush, roller, low pressure spray, dip or vacuum method. Ensure you have used at least 250ml for every square metre treated to give the expected protection.

The rate of absorption will vary with timber type, moisture content, application method and atmospheric conditions during application, but the advanced absorption technology in Passifire® ensures that absorption will occur faster than with any 'similar' fire treatment, saving labour and other process costs.

### Drying Times

Substrate should be dry within 24 hours at 18°C and a relative humidity of 70%. At lower temperatures/higher humidity drying times will increase. Full fire retardant performance is achieved in 7 days.

### Trial application

As with all our products we strongly recommend you carry out a small discrete sample application to test the absorption properties and degree of colour change.

Please refer to the relevant Product Health and Safety Data Sheet prior to any use.

For further information or advice please contact –  
**Magic Bullet Products Ltd,**  
**Technical Department,** at the address below.

**January 2014**

**Magic Bullet Products Ltd. Unit B, Marlborough Court, Bennerley Road, Blenheim Ind Est,  
Bulwell, Nottingham, NG6 8UY. t 0115 9755555 f 0115 9757005  
email [info@magicbulletproducts.com](mailto:info@magicbulletproducts.com) website [www.magicbulletproducts.com](http://www.magicbulletproducts.com)**