

Product name	HW02 Fire protective varnish
Product Code	HW02
Revision date	2018-12-04
Revision number	-
Document ref	TDS HW02

PRODUCT OVERVIEW

The HW02E System offers a clear, water based fire protective coating. Tested on new timber, and already coated wooden surfaces.

HW02 has the following advantages:

- Tested and classified to B-s1,d0, K210, EI60
- Water based
- Tested with and without a primer
- Fast drying, easy to work with, low smell
- Tested for Indoor Air Emissions

TEST DATA

HW02 is classified to B-s1,d0, according to EU Standard EN13501-1. It is tested in accordance with EN13823 SBI and EN11925-2 SFI. It is classified to K210 according to EU Standard EN13501-2:2007 + A1 2009. Tested to EN14135:2004. It is classified to EI60 according to EN 13501-2. tested to EN1364-1. Produced in the UK by Intumescent Systems Ltd. Tested for Indoor Air Emissions.

Product	Fire classification	number of coats / μ WFT	Coverage/coat m ² / litre	Total coverage m ² /litre	Test document reference
HW02	B-s1,d0	1 x 125 μ HW02	8	8	2008-CVB-R0678
HW02	K210	2 x 125 μ HW02	8	4	DBI PCA10037
HW02	EI60, EW60	2 x 125 μ HW02	8	4	2006-Efectis-R0833(rev 1)

PLEASE RESPECT THE PRODUCT

Type of product: Water based fire protective varnish

Storage: from 5°C to 35°C, protect from frost

Shelf life: 6 months from production date, 3 months once additive is mixed in

Application: Brush, roller or spray. **Important:** first coat must be fully dry and clear before second coat is applied.

HW02 needs to be covered with a good quality top coat. Depending on substrate, HW02 could also need a primer. For hardwood and for cedar, we recommend to always use a primer. HW02 can be used both indoors and outdoors, the durability is depending on the top coat. As it is a hygroscopic product, HW02 can absorb moisture from the air and lose clarity if the top coat is damaged or worn. PLEASE SEE SEPARATE APPLICATION DOCUMENT FOR MORE INFO.

Note that HW02 is a specialist coating. Always do a small test patch in an inconspicuous place to ensure good adhesion and correct finish of the applied product. It can be hard to achieve a completely clear result on dark surfaces.