FEATURES
The HW02E system offers a clear, fire proof coating, for upgrading new and already coated timber and wood related surfaces.
- HW02E is a water based product and can be used for internal and external use
- All tools can be cleaned with hot water

WARNING: HW02E needs to be upturned for 4 minutes, then add 5% water and stir thoroughly for five minutes. In cold weather it can go slightly thick, stand the container in hot water and stir it well – it will then go to a paint consistency. When applying HW02E ensure then area is warm and dry, NOT COLD & DAMP.

The properties of this product cannot be guaranteed unless storage and application instructions are adhered to, Envirograf® strongly advise that you apply the product over a small area to ensure that there is no adverse reaction to the substrate to be processed.

The application to the door is as follows; in most cases it is the room side only of the door that needs treating. For both sides of the door it is a door that separates a corridor or is at the top of a staircase.

APPLICATION:
Note: It is important to ensure the moisture content of the wood substrate is below 12% / 14% before application and the wood should be kept in a thoroughly dry area.

Wash the door down in the normal way and ensure it is dry before applying Envirograf® coatings.
A) Apply the HW Adhesion Primer (HWAP) first. Just a thin coat and ensure it is completely dry and clear before applying the first coat of HW02E.
B) When the primer is dry and CLEAR apply 1 coat of the clear Intumescent coating. Again ensure it is DRY and CLEAR before proceeding. If you have the intumescent coat in joints of beading where it takes time to dry, place a heat gun, fan heater, or hair dryer over the area or any area that hasn’t dried clear WHILE THE HW02 IS STILL WET.
C) When all clear, apply second coat and follow as B) but use fan heater or hair dryer to dry and clear the coating. IT MUST NEVER BE LEFT OVERNIGHT WITHOUT APPLYING THE TOP COAT.
D) You are now ready to apply the top coat which must be applied when the second coat of HW02E is dry.
E) Once D) is dry, you can wax or French polish.

Apply 2 coats at 8m²/litre per coat to give 30 minutes on 9mm softwood and 60 minutes on 14mm softwood. Anything below these sizes, then apply 3 coats at 8m²/litre per coat. It can be applied by brush or spray. If spraying add up to 10% water. The contents must be thoroughly mixed before use. Use a 2.5 mm to 3 mm nozzle.
For application to new wood – ensure that the area is dust free. Should you wish to stain the wood first, then we suggest using Sikkens Water-Based Stain first. HWAP MUST BE APPLIED TO CEDAR.

If HW02/E is being used externally 2 coats of HW Superb must be applied at 8m² per litre per coat

SHELF LIFE:
The shelf life is 6 months from batch date

Cont.
TOP COATS FOR HW02E
Please refer to price list for available topcoats

TOOLS AND STORAGE
Water-based products: leave brush in cold soapy water then clean with brush cleaner.
White spirit-based products: clean with white spirit or a brush cleaner.
Store the product in temperatures between 5°C and 30°C. Do not apply the product in temperatures less than 5°C. Do not allow containers to stand on the floor.
Always check that the Product is within its shelf life. If in doubt contact your supplier.

Tested to BS476: Part 6 & 7, Class 0 & 1, BS 476: Part 20/22: 1987, 20 & 60 minutes protection, UK Building Regulations, EU EN BSI Test to A1-B/S1/d0 of European Standards, EN13505, EN13823:202 Single burn and SBI EN11925:2 2002 Ignitability, also to EU EN 1364-1:1999, giving 66 minutes fire protection/integrity/insulation/stability. Tested to EN13501:2 (K1 10 or K2 10).