

APPLICATION DATA SHEET



ENVIROGRAF®

AP042-HW02/N-09-2023

Product Number: 42

HW02/N

FEATURES

The HW02N system offers a clear, fire proof coating, for upgrading new and already coated timber and wood related surfaces.

- HW02N is a water based product and can be used for internal and external use
- All tools can be cleaned with hot water

WARNING: On a rare occasion the coating may turn slightly yellow. Apply to a sample area first, if it turns yellow then HWAP (Primer) must be used. When applying HW02N 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, ceiling or wall 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 down in the normal way and ensure surface is dry before applying Envirograf® coatings.

- A) Apply the HW Adhesion Primer (HWAP) first if applying to previously treated or coated timber. Primer is not required if applying to new timber. Just a thin coat and ensure it is completely dry and **clear** before applying the first coat of HW02N.
- 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 HW02N 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 Sikksens Water-Based Stain first. **HWAP MUST BE APPLIED TO CEDAR.**

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

SHELF LIFE:

The shelf life is 12 months from batch date

Cont.

TOP COATS FOR HW02N

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, EN13501, 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).