



Product Number: 42

HW02E

Description:

The HW02E System offers a clear, fire proof coating; for upgrading new and already coated timber and wood related surfaces

- HW02E is 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 5 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 the area is warm and dry NOT COLD & DAMP.

APPLICATION

Apply one coat of Envirograf® HWAP/WB clear Adhesion Primer at 10-12 m² per litre before applying HW02E, when the primer is thoroughly dry apply HW02E.

HW02E is a clear Intumescent Coating with a slightly cloudy appearance but dries clear in about 1-2 hours. Once HW02E has been applied, **do not** attempt to re-work by over brushing this will tear the coating. If it is absolutely necessary to re-work then dip the tip of brush in warm water first and slightly brush over. If using HW02E for the first time, it is strongly advised that you practice applying the product over a small area to get a feel for the amount of application needed. When happy with the finish on the test area, then proceed with the project. Ensure that the first coat is completely clear before applying the next coat. Apply 2 coats at 8 m² per litre, per coat to give 30 minutes on 9 mm softwood and 60 minutes on 14 mm softwood. Anything below these sizes, then apply 3 coats at 8 m² per litre, per coat. Can be applied by roller, brush or spray. If spraying add up to 10% water. The contents must be thoroughly mixed before use. Use a 2.5mm to 3mm 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 Stains first. HWAP PRIMER MUST BE APPLIED ON CEDAR

Shelf life for the HW02E is 6 months from batch date.

**HW02E must be over coated with a Top Protective Coating apply 1 top coat for internal use and 2 coats for external use.
(For available top coats please refer to price lists)**

TOOLS & STORAGE

Water-Based Products – wash with warm water.

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.

Tested to BS476: Part 6 & 7, Class 0 & 1, BS476: Part 20/22: 1987, 30 & 60 minutes protection, UK Building Regulations, EU EN BSI Test to A1-B/S1/d0 of European Standards, EN13505, EN13823:2002 Single Burn and SBI EN11925:2 2002 Ignitability; also to EU EN 1364-1:1999, giving 66 minutes fire protection, integrity, insulation and stability.