

APPLICATION DATA SHEET



ENVIROGRAF®

AP092-ESVFRC-08-2024

Product Number: 92

ES/VFRC Clear Fire Protection Coating

The ES/VFRC System offers a clear coating; suitable for upgrading new and already coated timber and wood related surfaces to BS476: Part 6 & 7, Class 0 & 1, UK Building Regulations, also EU EN SBI Test to A1-B/S1/d0 of European Standards, EN13501, EN13823:2002 Single Burn and SBI EN11925:2 2002 Ignitability.

ES/VFRC is a water-based product for use externally and internally.
ES/VFRC is clear coating.

WARNING: On a rare occasion the coating may turn slightly yellow. Apply to a sample area first, if it turns yellow then 2 coats of ES/VFR/P (Primer) must be used. When applying ES/VFRC ensure the area is warm and dry, **NOT COLD & DAMP**.

APPLICATION

Note: It is important to ensure the moisture content of the wood substrate is below 12% / 14% before application and the application must be made in a warm, dry area. Ensure the wood is dry before application.

Always mix the tin thoroughly to ensure the product is well mixed. The clear ES/VFRC will look milky, but will dry clear.

Application onto new wood – ensure the area is dust free. ES/VFRC can be applied by roller, brush or spray. If the wood is to be stained (any Sikkens or Jotun specialist product can be applied first or over ES/VFRC). Application – 2 coats at 10m² per litre, per coat, ensure first coat is thoroughly dry before applying the second coat.

Add up to 10% water if spraying this product. The contents must be thoroughly mixed before use. Use a 2.5mm to 3mm nozzle.

Application over existing paint or varnish – ensure the surface is thoroughly clean. Apply one coat of Envirograf® ES/VFR/P clear primer at 10-12 m² per litre. Then apply ES/VFRC.

ES/VFRC must have a Top Protective Coating. **IT MUST NEVER BE LEFT OVERNIGHT WITHOUT APPLYING THE TOP COAT**

NB. The coverage on the first coat could vary according to the density or type of timber. Proprietary paint / varnish can be used as a final finish if required. For suitable applications, contact our Technical Department. Trials in small areas must always be carried out prior to full application, as colour performance varies according to substrate structure.

If applying ES/VFRC to oak, apply one coat of ES/VFR Primer first to seal the wood; as oak has iron in it and ES/VFR being water based, may cause the iron to go black. Product 42 ES/VFR PRIMER MUST BE APPLIED ON CEDAR.

Tools

Leave brush in cold soapy water then clean with brush cleaner.

AVAILABLE TOP COATS

ES/VFR HARD-WEARING is tough hard-wearing satin finish top coat for internal use.

ES/VFR TRANSLUCENT is a spirit based product to enhance the natural beauty of the wood for internal and external use.