

TECHNICAL DATA SHEET



ENVIROGRAF®

TD042-HW01-07-2023

Product Number: 42

HW01

Description:

White or coloured intumescent coating for all types of timber and timber related products.

For Class 0 & Class 1 BS476 Parts 6 & 7 & EN BS/S1/d0: apply one coat of HW01 at 10m².

For 30/60 minutes fire protection BS476: Part 22, 1987, EN/13501 & SBI S.b1.d0: (according to type/thickness/density of timber) apply two coats at 8m² per litre per coat. Each coat dries in about 45 minutes.

Physical Data:

Type:	Water based fire protection product.
Colour:	White
Gloss:	N/A
Viscosity:	8-16 poise
Specific Gravity:	1.30

Recommendations for Use:

Recommended spreading rate:	See above
Application methods:	Brush, roller or spray
Dry to touch:	1-2 hours. Varies with temperature, humidity, ventilation and film thickness.
Conditions during application:	Temperature of air and substrate must be above 5 °C.

Miscellaneous:

Size of containers:	Available in 1, 2½, 5 and 20 litres
Remarks:	Frost-free freight and storage. STIR WELL before use
Shelf Life:	12 months in unopened original packaging (Stored between 5-30 °C)

Directions For Use:

Ensure that the surface is dry, clean and free from dust before application.

If coating over existing paint or varnish apply Envirograf Product 42 (HWAP) adhesion primer.

Stir thoroughly before and during use. Apply by brush roller or spray, two coats are required to satisfy the requirements of BS476 Parts 6 & 7, Class 0 & Class 1(1987) spread of flame, and Classification B/S1/d0 of European Standard EN13501 Parts EN13823 (2002) single burn test (SBI) and EN 11925-2 (2002) ignitability.

The coverage of the first coat may vary according to the type and density of timber.

Apply the first coat and allow 1-2 hours to dry. Please ensure that the first coat is dry before applying the next coat.

Apply the second coat and allow 1-2 hours to dry.

Apply Envirograf top coat – see price list for available top coats.