

CENTRECOAT FIREKILL

CLEAR FIRE RETARDANT TREATMENT FOR WOOD USED EXTENSIVELY IN THE EU NOW AVAILABLE HERE IN THE UK

CentreCoat FireKill is water based ready to use solution for timber substrates that require Euro class B Spread of Flame (equivalent to UK class O) that is absorbed into the surface of the substrate.

- For internal and external use.
- Will not leach.
- Colourless and odourless.
- Non-toxic.
- Solvent free.
- Not harmful to the environment and will not wash out from the substrate once dry.
- Timber treated with **FireKill** does not react with galvanised steel, gun nails or zinc coated screws.
- Critical engineering properties i.e. strength, durability, hygroscopicity and corrosivity are not compromised.



FireKill is water based and easy to apply, possessing high diffusion properties it quickly penetrates the surface of the substrate. It does not require a protective finishing coat and can be left natural or if specified over-coated (we recommend testing a small area before fully over-coating). Left naturally, timber may darken slightly.

FireKill has non-flammable properties which restrict ignition and the spread of flame. It will not wash out once dry, it is not converted into smoke when exposed to high temperatures, and carbon char is restricted to the immediate area.

Materials treated with CentreCoat **FireKill** when exposed to temperatures of up to 1700°C are subject to charcoal forming, restricting the spread of flame.

FireKill can be used on cladding, staircases, trusses, joists, walls, log cabins, garages and many other projects both inside and outside.

DIRECTIONS FOR USE

Substrate:

The substrate must be clean, dry and free from contamination; remove existing coatings by stripping or sanding. Best results obtained when moisture content is less than 22%.

Application:

Usually 3 coats depending upon moisture content of the substrate and atmospheric conditions, coats should be applied at intervals of minimum 1 hour giving a total coverage of minimum 270ml m², 3.7m² per litre. Do not mix with other solutions, stir well. Use brush, roller, spray (use appropriate mask), dip, or vacuum method. Minimum temperature for application 5°C

If a stain is required we would recommend the use of our CentreCoat Fire Retardant Timber Stain be applied as per the Technical Data Sheet.

Drying Times:

A minimum of 1 hour between coats. Full drying time approximately 24 hours at + 20°C / 65% relative humidity. Maximum fire retarding capabilities achieved after 7 days. Drying times are dependent upon absorption of substrate and drying conditions. At low temperatures and / or conditions of high relative humidity, drying times will be extended.

Health & Safety:

During application avoid contact with open wounds, eyes and mouth. In the event of accidental contact wash the affected area immediately with clean water. Safety goggles and gloves should be worn when handling and applying the material. Adequate ventilation and appropriate mask required when spraying. Water based product, which does not present a health hazard under normal industrial use.

Maintenance:

No maintenance is required once **FireKill** has been absorbed into the surface of the substrate and dried. It is recommended for external use a surface coating is applied to protect the FireKill Treatment.

Specification:

Pack sizes: 5L, 20L and polymeric tanks of 200L and 1,000 litres.
Application: Spray, brush, roller, vacuum, dip, or flood coater.
Final finish: Natural or over-coated, substrate must be completely dry before over-coating; we advise checking the moisture content and applying top coat to manufacturer's instructions.
Disposal: Where used professionally, should be disposed of in the correct manner.
Storage: Store at temperatures above zero. Warranty period for storage 36 months.

Certification:

BS EN 13823 & BS EN 11925-2 SBI Euro class B-s1-d0.
(Equivalent to UK Class O BS 476: Part 6 & BS 476: Part 7)

Building Regulations:

Euroclass certifications are formally incorporated into Approved Document B and regulators in the UK are legally bound to accept them in lieu of national test methods (which are also still permitted). Follow the link below to the government web site:

http://www.planningportal.gov.uk/uploads/br/BR_PDF_ADB_2000.pdf pages 59 & 60