



Euro Blaze Stop

Premium Reaction to Fire Coating System



A high clarity system designed to upgrade Euroclass 'D' substrates to meet Euroclass 'B'/Class 0



Quick drying, typically within 24 hours & simple mixing ratio of 1:1



Provides excellent sag resistance on vertical surfaces, reducing the need for multiple applications.



Delivers high-quality performance with standard film applications, minimising coating usage to just 2 x 110g/M² for the basecoat and 80g/M² for the topcoat.



Intercoat's innovative range of fire-rated products are engineered to meet stringent safety standards and enhance the resilience of various surfaces against fire hazards.



Intercoats EBS 2019 system has been independently tested and has classification reports which unless otherwise stated, are only valid for that test. Users should carry out their own application and substrate test.



Project Overview

A leading shopfitting company was tasked with designing and installing a new shop front for a high-profile retail space. As part of the project, they were required to ensure the shop front met strict fire safety regulations, particularly achieving a Euroclass B rating for fire resistance. This requirement was crucial to comply with insurance standards and provide enhanced fire protection for the premises.

The Challenge

The shopfitter initially faced difficulties in sourcing a suitable fire-rated coating. Many products on the market failed to meet the required performance levels, or they lacked the necessary certifications to satisfy insurance requirements. Some coatings provided inadequate fire resistance, while others were impractical for application on wood substrates used in the shop front design.

Despite extensive research and discussions with multiple suppliers, the company struggled to find a fire-retardant coating that offered both high performance and ease of application. This delay threatened project timelines and posed potential compliance risks.

The Solution: Intercoat EBS 2019 system

After extensive searching, the shopfitter was introduced to Intercoat Paints and their EBS 2019 system. This product stood out due to its proven fire-retardant properties, specifically designed to improve the fire resistance of wood.

Wood typically has a Euroclass D fire rating, but with the application of Intercoat's EBS 2019 range, it was possible to achieve Euroclass B, meeting the required standard for the project. Specifically, the product classification of B-s2,d1 meant that it provided:

- Limited combustibility (B rating)
- Moderate smoke production (s2)
- No flaming droplets (d0)
- Additionally, an alternative product from Intercoat's range, Irufire, was capable of achieving an even higher rating of B-s1,d0, which indicated lower smoke production (s1) while still maintaining the same fire resistance.

Implementation and Results

The client conducted on-site tests to ensure the coating was suitable for their specific wood materials. The EBS 2019 range proved easy to apply, adhered well to the wood, and dried effectively without compromising the aesthetics of the shop front.

Conclusion

This case study highlights the importance of selecting the right fire-rated coating in shopfitting projects where fire safety compliance is critical. Intercoat Paints' EBS 2019 range provided an effective and certified solution, allowing the shopfitting company to meet regulatory requirements while maintaining the design integrity of the shop front.