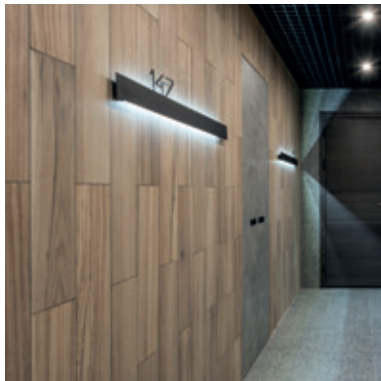




FIRE RETARDANT COATING SYSTEMS CLASS B





Fire safety in buildings is extremely important. The European legislation is therefore continuously improving and strengthening regulations, referring directly to building materials that must correspond to a certain fire classification.

The fire retardant coatings for wood combine fire protection with excellent aesthetic results.

To meet the strict EU regulations on fire safety of building materials, **Sayerlack developed a spray coating system which allows to upgrade wood-based substrates from class D** (which is the typical rating for wood) **to class B**, demanded for example in public buildings.

The system can be applied as a very transparent clear coat or, when tinted, as a fully opaque finish. Safety performance and finish performance in perfect harmony!

One of the application fields of Sayerlack coatings are all types of wall panels and fixed carpentry elements, for which a strict fire class demand is defined, depending on type and function of a building.

FEATURES	BENEFITS
Fire retardant	Upgrading to Bs2d0 according to EN13501-1
High transparency	Very transparent effect even on dark substrates
High build and good sanding properties	Behaves like a regular PU system
Possibility of tinting to achieve opaque finish	The basecoat can be used as clear sealer or, after tinting, as a pigmented undercoat

TESTED BY



ACCORDING TO PROCEDURES DEFINED IN EN 13501-1:2018

<u>Classificazione / Classification</u>	
Classificazione di reazione al fuoco: <i>Reaction to fire classification:</i>	B - s2, d0

IMPORTANT!

According to the legislation, a final product is to be certified against reaction to fire. Producers of cladding or wall panels must test their own products, as many aspects can influence the final results (surface preparation, glues, thickness, construction and even direction of mounting).



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The systems consist of a 2K basecoat - which can be used clear or coloured with the Sayerlack pigmented pastes - and a 2K clear topcoat.

The basecoat can be tinted with the pastes of series TP2009 up to to 3% to achieve an opaque finish.

APPLICATION SYSTEM - CLEAR:

Product Name	Product Code	Coverage	Drying Time	Notes
Resy Base IGF	FU0303/00 + 40% TH0784/00	2 coats 200-250 g/m ² each	3-6 hours between coats, 24 hours before sanding of 2nd coat	All application amounts must be strictly kept to secure the fire retardant properties.
Resy Clear IGF	FZ10xx/00 + 10% FH0004/00	1x 60-80 g/m ²	Dust free: 1 hour Touch dry: 2 hours Stackable: 24 hours	Available as: FZ1003/00 – gloss 3 FZ1025/00 – gloss 25

APPLICATION SYSTEM - PIGMENTED:

Product Name	Product Code	Coverage	Drying Time	Notes
Resy Base IGF	FU0303/00 <i>Pigmentation:</i> TP2009 pastes, max 3% (max 0,5% when using black TP2009/22) + 40% TH0784/00	2 coats 250-300 g/m ² each	3-6 hours between coats, 24 hours before sanding of 2nd coat	All application amounts must be strictly kept to secure the fire retardant properties.
Resy Clear IGF	FZ10xx/00 + 10% FH0004/00	1x 60-80 g/m ²	Dust free: 1 hour Touch dry: 2 hours Stackable: 24 hours	Available as: FZ1003/00 – gloss 3 FZ1025/00 – gloss 25

Values and content will change depending on Technology and Segment.

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Sherwin-Williams Italy S.r.l. - Export Department

Via del Fiffò 12 - 40065 Pianoro (BO) - Italy
Ph. +39 051 770511 - Fax +39 051 777528
export@sayerlack.it - www.sayerlack.com

Technical Service:

Ph. +39 051 770770 - Fax +39 051 770521
customerservice@sayerlack.com



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