

**SHERWIN
WILLIAMS®**

PYROPLAST®
FIRE PROTECTION FOR WOOD



FROM SPEC TO PROTECT

protectiveeu.sherwin-williams.com



PYROPLAST® INTERIOR WOOD FIRE PROTECTION SYSTEMS

Wood is a natural building material with a multitude of uses. However, it is easily flammable and requires effective means of protection especially when used in public buildings.

Pyroplast® fire protection systems can inhibit or delay inflammation on the surface and the spread of fire. The sustainable fire coatings combines highest protection with aesthetic advantages. Although the coating is so thin it does not conceal the natural beauty of the wood.

EUROPEAN CLASSIFICATION

Fire protection coatings are an important fixed component in the building industry in all countries in which building guidelines and laws apply. As part of European harmonization, Sherwin-Williams has performed an extensive programme of approval tests according to EN standards for several years.

All our Pyroplast® fire protection coatings are CE-certified and usable in accordance with the latest European requirements, directives and standards.

DEMONSTRATION OF HOW INTUMESCENT FIRE PROTECTION COATINGS WORK

We created a scenario to demonstrate the effectiveness of Pyroplast® intumescent fire protection coatings for wood.

Important notice:

Following the transfer of the Industrial Coatings business from Sika to Sherwin-Williams on 1st April 2022, our entire product portfolio had to be rebranded in accordance with the Sherwin-Williams branding as of 1st July 2023.

Detailed information on product naming and a holistic overview of all old and new product names can be found in our new Product Reference Guide.

Download the brochure now at:
protectiveeu.sherwin-williams.com



WATCH VIDEO



PYROPLAST® FIRE PROTECTION SYSTEMS FOR WOOD

Pyroplast fire protection systems for wood are characterised by low material consumption in addition to simple application. They are also non-statically loading and are classified according to EN 13501-1, B-s1-d0.



PYROPLAST® WOOD T with topcoat Pyroplast® Wood Top T

The waterborne coating is suitable for indoor use and impresses by:

- High transparency
- VOC < 500 g/l
- Economy



PYROPLAST® WOOD P optional topcoat Pyroplast® Top WB (for colour variety)

Ideally suited to areas of application where a high-quality colour design is particularly important:

- Waterbased pigmented coating system
- Individual coloration
- VOC without topcoat 0 g/l;
VOC with topcoat approx. 48 g/l



CASE STUDIES

AIRPORT CHARLES DE GAULLE IN PARIS

The airport, named after the French general and statesman Charles de Gaulle, is the international hub of Air France and the largest international airport of the French capital city, Paris.

Coated with transparent fire protection coating Pyroplast® Wood T about 60,000 m² of wood surfaces provides fire protection that is important in airports, and at the same time enhances the natural appearance of the ash veneer used there.

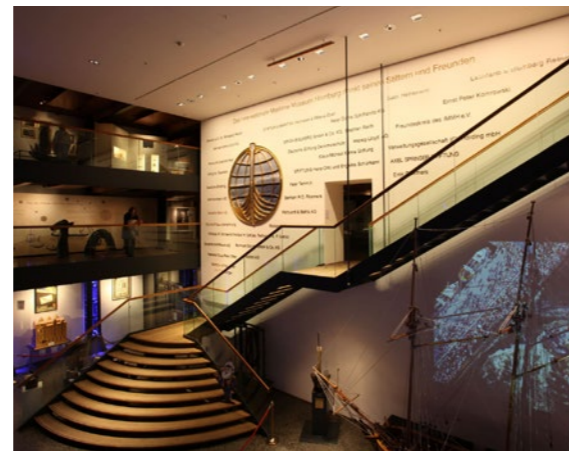


© Aéroports de Paris/Cyrille Dubreuil

INTERNATIONAL MARITIME MUSEUM IN HAMBURG

3000 years of maritime history are on show on nine exhibition decks in the international maritime museum, with valuable exhibits, models of ships and paintings. The listed Quayside Warehouse B tells of discoverers and conquerors, from captains to simple sailors. One of the decks is dedicated to the exploration of the seas.

The 10,000 m² wooden surface area was protected with a water based intumescent coating that enhances the classic appearance of wood in exhibition areas with its high transparency.



'HOUSE OF THE FARMERS' IN FRIBOURG

The solid wood office building with its glazed shell is a showpiece of sustainable construction and the head office of the Agricultural Association of Baden (Badischer Landwirtschaftlicher Hauptverband - BLHV). With office space of 2,500 m² and 1,700 solid cubic metres of pinewood, the electrical systems and water pipes are among the few parts of the building that are not made of wood. A total of 3,500 m² were coated with Pyroplast® Wood T for protection against fire.



OUR COMPETENCE

In the development and production of our intumescent coatings we focus on high quality and sustainable solutions focused on the success of our costumers and the safety of people, buildings and the environment. Every batch of our fire protection coatings is fire tested before use.

WHEN EVERY SECOND COUNTS:

FIRETEX®, Unitherm® and Pyroplast® fire protective coating systems for

STEEL



WOOD



CONCRETE



CORROSION PROTECTION - PROVEN AND INNOVATIVE

In addition to fire protection, we are a trusted resource for the highest requirements in corrosion protection for many decades. With world-class industry subject matter expertise, unparalleled technical and specification service and unmatched regional commercial team support to our customers around the globe, we offer high-performance coating systems to help customers achieve smarter, time-tested asset protection.

We serve a wide array of markets across our rapidly growing international distribution footprint, including

- Steel structures
- Tank protection and chemistry
- Hydraulic steel structures
- Power supply
- Infrastructure
- Wind power

Learn more about our solutions at protectiveeu.sherwin-williams.com

PYROPLAST®

FIRE PROTECTION FOR WOOD

THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams Protective & Marine delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe. Our broad portfolio of high-performance coatings and systems - including protective liquid and powder, fire protection and resinous flooring - excel at combating corrosion and help customers achieve smarter, time-tested asset protection. We serve a wide array of markets across our rapidly growing international distribution footprint, including Bridge & Highway, Energy, High Value Infrastructure, Manufacturing & Processing, Marine, Rail, Power and Water & Wastewater.

SHERWIN-WILLIAMS®

protectiveeu.sherwin-williams.com

United Kingdom: +44 1204 556420
sales.uk@sherwin.com

Romania: +40 256 420 320
sales.balkan@sherwin.com

Sweden: +46 381 26104
cspm.sweden@sherwin.com

Switzerland: +41 44 936 77 77
cspmbubikon@sherwin.com

Italy: +39 051 770 612
cspm.italy@sherwin.com

Germany: +49 7042 109 4000
pm.kundenservice@sherwin.com

Spain: +34 96 121 89 80
pedidos.valencia@sherwin.com

Hungary: +48 882 817 420
cs.pm@sherwin.com

Poland: +48 886 342 873
cs.pm@sherwin.com

Other countries (English): +49 7042 109 4400
pm.customerservice@sherwin.com