

Applying technology to safeguard your environment.



PPG FIRE PROTECTIVE COATINGS

PPG Fire Protective Coatings

Since the 1970s, PPG has invested in intensive research and development in the area of fire protective coatings. Today PPG offers a full line of fire protective coatings, including our traditional, thick-film coating as well as a new thin-film alternative and a fire-retardant flat latex paint. Whether you're an industrial user needing to protect your plant, equipment, tanks or other assets;

or a commercial user needing to meet stringent building or safety codes, you can benefit from PPG's broad product line.

FIRE PROTECTIVE COATINGS

 PPG High Performance Coatings

Quick-Drying Thin Film Coatings

FIRETEX®

If you need a high-performance intumescent coating that meets the needs of fast-track construction choose **Firetex**. **Firetex** offers new design choices in open architecture.

Pre-erection application of **Firetex** in commercial construction saves critical construction time by minimizing downtime associated with traditional on-site application. Applying **Firetex** prior to construction also significantly reduces application cost.

Firetex enhances interior air-quality compared to fibrous, spray-applied fire protective coatings. **Firetex's** smooth, hard surface resists dust and dirt at normal room temperatures, making it an excellent choice in areas that call for high standards of cleanliness and appearance.

Firetex was developed with improved reinforced foam integrity resulting in lower film thicknesses and enhanced adhesion. **Firetex** coatings resist abrasion and general wear and tear.

FIRETEX®
Passive Fire Protection



Interior Latex Intumescent Wall and Trim Paint

SPEEDHIDE® 42-7

Today, architects and painting contractors are looking for new ways to protect interior wood, drywall and other substrates in office buildings, health care facilities, and other commercial structures from flame spread.

PPG's **Speedhide 42-7**, an interior flat latex paint, is proven to slow the spread of flames. **Speedhide 42-7** is a true intumescent coating that many architects and facility managers are specifying. Tintable to hundreds of colors, **Speedhide 42-7** interior fire-retardant flat latex paint offers both protection and aesthetics.



PITT-CHAR XP®

A thick-film intumescent, **Pitt-Char XP** offers outstanding fire protective properties for heavy industry uses such as chemical plants, offshore platforms and high risk/critical commercial applications. When exposed to fire, **Pitt-Char XP's** unique chemical composition transforms its surface into a ceramic-like, insulating char that provides thermal protection for the substrate—even under hydrocarbon and jetfire conditions.

Pitt-Char XP's tough, durable epoxy coating provides a dense shield to the elements. **Pitt-Char XP's** ability to stand up to solvents, acids, alkalis, salts and abrasion makes **Pitt-Char XP** your best choice for harsh weather, chemical environments, and virtually any aggressive industrial environment.



Pitt-Char XP's patented, cross-linked epoxy resin offers far superior performance to conventional, rigid epoxy intumescent coatings:

Better Flexibility = Superior Protection

Withstands normal movement of steel support structures.

Less On-Site Repairs = Faster Turnaround and Lower Total Cost

Damage from contact during construction or normal operating conditions is minimized.

Reduced Weather Related Downtime = On Time Performance

Can be applied under a wide range of weather conditions, without compromising long-term performance.

Choose the PPG Fire-Protective Coating that meets your needs.

| | PITT-CHAR XP® | FIRETEX® | SPEEDHIDE® 42-7 |
|-----------------------|--|---|--|
| Function | Protect critical industrial assets in the plant and provide for public safety | Protect structural steel against failure in event of a fire and provide for public safety | Slows flame spread on walls, ceilings and other surfaces |
| Applications | Vital Industrial Assets: <ul style="list-style-type: none"> – Petroleum Refineries – Chemical Plants – Offshore Oil Platforms – Critical Industrial Applications | Structural Steel used in: <ul style="list-style-type: none"> – Office Buildings – Health Care Facilities – Hotels – Apartments/Condominiums | Walls, Ceilings and Stairwells in: <ul style="list-style-type: none"> – Office Buildings – Health Care Facilities – Hotels – Apartments/Condominiums |
| Certifications | <ul style="list-style-type: none"> – UL 1709 Column Test XR-612 – UL263 (ASTM E119) Column Test X-623/Beam Test N-612 – OT95-634 Jetfire Test – US-DOT LPG/LNG Storage Tanks | <ul style="list-style-type: none"> – UL263 (ASTM E119) Standard for Safety for Fire Tests of Building Construction and Materials | <ul style="list-style-type: none"> – UL723 (ASTM E84) Test for Surface Burning Characteristics of Building Materials |

PPG *IdeaScapes*™

Where can you find the architectural glass, coatings, and paint product choices you want, together with tools, support and expertise of one of the world's most experienced and innovative building products manufacturers?

The answer is **PPG *IdeaScapes***. A new initiative from PPG. A new approach to serving the architectural community. A new PPG brand. A new toolbox for architects.

PPG *IdeaScapes* — Glass, coatings, and paint products with the long-term, proven performance your project demands. **PPG *IdeaScapes*** — Experienced architectural personnel, knowledgeable and trained to address your design and technical needs. **PPG *IdeaScapes*** — Design tools, product selectors, internet resources and educational services to facilitate product evaluation and specification.

PPG *IdeaScapes*. Integrated products, people and services to inspire your design and color vision.

To learn more, visit www.ppgideascales.com or call 1-888-PPG-IDEA.



IdeaScapes Divisions

Division 5

05080 Metal Coatings

Division 7

07812 Applied Fireproofing
(Fire Protective
Coatings)

Division 8

08810 Glass

Division 9

09670 Fluid-Applied Flooring
(Megaseal)

099910 Paints

09960 High Performance
Coatings

EcoLogical Building Solutions



PPG Glass, Coatings and Paint for Sustainable Design

Environmental sustainability represents the most powerful trend to influence the design and specification of buildings in a generation.

PPG has developed ***EcoLogical Building Solutions***, an exclusive collection of select products designed to help architects and specifiers construct “greener” buildings.

Yet, PPG is committed to more than making environmentally progressive products. We actively pursue company-wide initiatives that support regional sourcing, reduce the environmental impact of our packaging, make our products

easier to recycle or dispose, encourage the use of alternative energy and cut overall greenhouse gas and VOC emissions.

If your goal is to earn LEED certification for your project, or simply to reduce your building's overall operating costs and environmental impact, ***EcoLogical Building Solutions*** has the glass, coatings and paint products you need, all from a proven, innovative company you can trust.

To learn more, or to order our ***EcoLogical Building Solutions*** brochure or LEED White Paper, call 1.888.PPG.IDEA or visit www.ppgideascales.com.



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