



FIRE PROTECTIVE COATING SYSTEMS

ONE STEP AHEAD

BUILDING TRUST



FIRE PROTECTIVE COATING SYSTEMS

SIKA FIRE PROTECTION SYSTEMS have been safeguarding structures and the environment for over 40 years. During this time we have continuously faced new challenges and gathered experience.

Whether you are an architect, planner or fabricator when you need an individual fire protection solution Sika can help.

The Sika® Unitherm® and Sika® Pyroplast® fire protection system has been safeguarding buildings, people, animals and the environment for over 40 years. During this time we have continuously faced new challenges and gathered experience.

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 harmonisation, Sika has performed an extensive programme of approval tests according to EN standard for several years.

Products from the Sika® Unitherm portfolio are CE certified and usable in accordance with the latest European requirement, directives and standards.

Our innovative product Sika® Unitherm® platinum was the first fire protection system in Europe to be tested according to the latest standard EN 13381-8:210 and approved with the CE marking as an international product approval and technical passport. It thus corresponds to the requirements of the European Union.



OUR SERVICES

Sika fire protection experts have gained a wide range of experience through many years of involvement in projects internationally. These experts are here to assist you with the following support services:

ADVANTAGES OF THE

Sika® Unitherm® platinum System

- Single coat application fire protection system
- Fast application and curing times
- Suitable for factory application due to tolerance to normal transportation methods without the requirement for protection against moisture
- High mechanical strength, shock, impact and abrasion resistant
- No shipping damage and no damage during the service life of the structure
- 100% solids, wet film thickness = dry film thickness
- Layer thickness up to 4 mm per operation possible
- Application under defined climatic conditions in the factory
- Application with and without primer
- Independent fire testing according to EN 13381-8 (BS 476)
- Classified according ETAG 018-2:2006 Type X
- Applied without top coat for indoor and outdoor use
- Fire behaviour: Classification B-s2, d0 (EN 13501-1)
- Excellent corrosion protection properties in high humidity and aggressive environment according to SN EN ISO 12944-5 up to C5-I and C5-M
- Fire and corrosion protection properties not effected by water in service
- Cleaning of the coating surface with high-pressure water possible



PRODUCT TYPE	PRODUCT NAME	CLASSIFICATION ACCORDING TO	CLASSIFICATION ACCORDING TO
STEEL		BS 476 Part 21	EN 13381 part 8
Waterbased fire protection coating in the interior area	Sika® Unitherm® Steel W-30	F 30	R 15-R 60
Waterbased fire protection coating for the interior area and open halls	Sika® Pyroplast® ST-100	F 60	R 15-R 90
Solvent based fire protection coating for workshop applications in the interior and exterior areas	Sika® Unitherm® Steel S Shop	F 30-120	R 15-R 120
Solvent based fire protection coating in the interior area and open halls	Sika® Unitherm® Steel S Interior	F 30-120	R 15-R 120
Solvent based fire protection coating in the exterior area	Sika® Unitherm® Steel S exterior	F 30-120	R 15-R 120
Solvent free fire protection coating in the interior and exterior area	Sika® Unitherm® platinum	F 30-120	R 15-R 60- R 90-R 120
CONCRETE			EN 13381 part 3
Solvent based fire protection coating	Sika® Unitherm® Concrete S		Up to R 120
CABLE			IEC 60331
Waterbased pigmented fire protection coating for electrical cables for short circuit retardation	Sika® Unitherm® Cable		IEC 60331
WOOD		BS 476 Part 6/7	EN 13501-1
Waterbased pigmented fire protection coating	Sika® Pyroplast® Wood P	Class 0	B-s1-d0
	Sika® Pyroplast® Wood T	Class 0	B-s1-d0
Waterbased transparent fire protection coating	Sika® Pyroplast® HW-300	Class 0	B-s1-d0



SIKA FULL RANGE SOLUTIONS FOR CONSTRUCTION:



WATERPROOFING



CONCRETE



REFURBISHMENT



MERCHANT



SEALING AND BONDING



FLOORING



ROOFING



INDUSTRY

FOR MORE INFORMATION:



WHO WE ARE

Sika Limited and Sika Ireland Limited are part of the global Sika Group, specialising in the manufacture and supply of chemical based products for construction and industry. Sika is a world-leader in its field with subsidiaries in more than 80 countries, 15,200 employees, and annual sales of CHF 5.1 billion (£3.4bn). We are also committed to providing quality, service, safety and environmental care.

In the UK and Ireland, we provide market-leading solutions for concrete, waterproofing, roofing, flooring, refurbishment, sealing & bonding, and industry, and have manufacturing sites in Welwyn Garden City, Preston, Leeds and Dublin with more than 700 employees and a turnover of more than £190 million.

The information, and, in particular, the recommendations relating to the application and end use of Sika® products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request.



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