

Fire upgrading and fire retardant coating solutions for internal communal areas

Systems guide

Introducing Torrex™

The Torrex™ range is designed to help Specifiers of internal communal area paints and coatings meet the Class 0 fire rating demanded by The Building Regulations.

The result of four decades of on-site experience and extensive R&D, Torrex™ fire protection systems are both trusted and proven in the field. All products deliver a Class 0 fire rating and can be specified in a myriad of colours and a selection of finishes with anti-graffiti (AG) options. We work with our clients at every stage of each project from initial fire risk assessment through to specification and installation, to help them meet their legal obligations under The Regulatory Reform (Fire Safety) Order 2005 (RR(FS)O) and The Building Regulations*.

Our unrivalled technologies are third party accredited by Certifire, assuring performance, quality, reliability and traceability. This internationally respected mark of fire safety is the most authoritative in the industry. By using a third party accredited system, specifiers will be executing their due diligence in respect of choosing fire safety systems as recommended in the RR(FS)O.

**Does not apply inside individual dwellings*



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3 STEP SPECIFICATION PROCESS

As no two sites are the same, our tried and tested 3 step specification process assesses the overall fire risk posed by existing substrates and site conditions to ensure the correct paint system is specified for each project.

1: ASSESS PAINT ADHESION

It is proven that poorly adhered paint on walls and ceilings contributes to rapid spread of fire in buildings. Flames spread quickly as the painted surface effectively becomes fuel, giving off heat and smoke.

Our field-based Specification team perform on-site adhesion tests to assess the condition of the existing decorations and determine whether paint adhesion is good or bad.

2: EVALUATE SPREAD OF FIRE RISK

In this step we consider additional factors that influence system specification in order to determine whether the fire risk is low, medium or high. Using specialist equipment, we measure the existing layers of paint on your site. Fire risk is directly influenced by this, with the risk increasing in line with the amount and types of paint found on site. The risk is heightened further if different types of paint have been used in previous redecoration cycles.

Finally, we take into account how many storeys and fire escape routes the property has. For example, a two storey low rise complex with two exit stairwells carries a lower risk than a twenty storey high rise housing block with just one.

3: SELECT YOUR SYSTEM

A Class 0 fire rating can only be achieved by applying the correct Torrex™ system to the existing substrate and it's assessed risk level. In this final step we select the appropriate system(s) to the fire rating for your project as follows:

ASSESED RISK	RECOMMENDED SYSTEM
Low	Torrex™ Flame Retardant
Medium	Torrex™
High	Torrex™ Flameshield



Guide to systems

The Torrex™ range offers three performance tiers, designed to provide Class 0 fire protection to walls and ceilings in communal areas assessed as having low, medium and high spread of fire risk. This provides you with the most flexible, cost-effective means of delivering the required Class 0 fire rating.

Torrex™ systems are available in a range of finishes with AG options and can be tinted to match RAL, BS and NCS colours using our Colourshop™ II tinting system. All systems are suitable for previously painted timber, metalwork, internal plaster and plasterboard, brick, masonry, concrete and ceramic tiles.

All systems are suitable for all communal areas and escape routes in all buildings.

Once you have invested in using a Torrex™ (or other fire upgrading) system to protect your building, we can continue to protect the surfaces and deliver Class 0 on future decorations. We have a range of low cost systems dedicated to maintaining the fire performance that you have paid for. This will deliver decades of managed fire performance for you and your building stock.

FOR ENVIRONMENTS WITH LOW SPREAD OF FIRE RISK

Torrex™ Flame Retardant systems deliver Class 0 fire performance in areas defined as low risk*. Available in matt, eggshell and easy clean AG finishes.

FOR ENVIRONMENTS WITH MEDIUM SPREAD OF FIRE RISK

Torrex™ systems deliver Class 0 fire performance in areas defined as medium risk*, safeguarding against rapid spread of fire. Available in matt, silk, eggshell, gloss and easy clean AG finishes.

FOR ENVIRONMENTS WITH HIGH SPREAD OF FIRE RISK

Torrex™ Flameshield systems deliver Class 0 fire performance in areas defined as high risk*. It brings Class 0 to previously decorated surfaces, providing long term decorative protection. It is third party tested and trusted as the highest performance fire upgrading system available, giving specifiers complete peace of mind. Torrex™ Flameshield is available in Eggshell and easy clean AG finishes.

*Definitions of risk are contained in the Tor Fire Risk Calculator





Low Risk

Torrex™ Flame Retardant AG

Torrex™ Flame Retardant Eggshell

Torrex™ Flame Retardant Matt

FEATURES

- Third party accredited performance under Certifire.
- 2 coat formulation.
- Highly cost efficient system.
- Easy to apply by brush or roller. Smooth, plain colour finish.

Medium Risk

Torrex™ AG

Torrex™ Gloss

Torrex™ Silk

Torrex™ Matt

Torrex™ Eggshell

FEATURES

- All previous listed features, plus;
- 40+ year track record.
- 3 coat system.

High Risk

Torrex™ Flameshield Eggshell

Torrex™ Flameshield AG

FEATURES

- All previous listed features, plus;
- Faster installation times*
- Super tough and durable formulations.
- Low textured intumescent finish.
- Superb graffiti removal properties.
- 3 coat AG or 4 coat eggshell finishes.

*Competitor systems require a minimum of 6 coats



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To know that each individual project has been risk assessed on the basis of what is actually on the substrate, resulting in a cost value engineered specification for the project is a very important part of the decision making process. The Council needs to ensure it meets its obligations in a cost effective manner, whilst also ensuring the future needs of the block are considered. That is why we use Tor Coatings.

Sandwell MBC

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It is important that our clients are confident that the specification that has been written for the communal area is site specific, has third party accreditation and meets the current fire regulations.

Leigh Ives - Blakeney Leigh

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Testimonials

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We have been using Tor products for several years on many different projects and find the range of products and service to be excellent.

Tor provide a detailed specification for different building types and follow it up with on-site inspections to ensure the products are applied as per specification.

On completion we are supplied with certificates to validate and guarantee the work and the product.

One Manchester

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Expert guidance and assistance from start to finish

We are involved in every stage of your project, taking you from initial planning stages, through to recommending a Tor Partner Contractor. By supplying our own technologies and overseeing the installation to completion, we deliver outstanding service, time and time again.



**Fire
Performance
Certificates
Provided**

OUR SERVICE

Our team of site specialists will meet with you to discuss your refurbishment project and undertake a detailed survey of your building, noting any issues and defects, and ensuring every aspect is understood and documented thoroughly. You will then be provided with a comprehensive and bespoke written project specification. No matter what challenges are presented by your project, we will tailor a solution to ensure your needs are met in the most cost effective and efficient way.

We are extremely proud of our comprehensive and innovative range, so it makes sense that we want to retain close working relationships with our clients to ensure great after-care is carried out for years to come. Product warranties are provided as standard.





The scale to deliver

We have been in business for four decades, and are part of RPM International, one of the world's largest protective coatings groups. Our customers know we have the resources and technology to support them, and that we'll be there for many decades to come.



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