



# Torrex flame retardant anti-graffiti

PU891

## intended uses

A durable water based anti-graffiti flame retardant finish.

For use over low risk existing multi-layered painted surfaces to reduce the spread of flame in communal areas in the event of a fire.

Two coats of Torrex Flame Retardant Anti-Graffiti will convert 12 coats of conventional water based coatings to Class 0 when tested to BS476 Parts 6 and 7.

## product description

A two-pack pigmented polyurethane coating containing flame retardants. Water based.

## product information

<b>Product reference</b>	PU891 series
<b>Volume solids</b>	40%
<b>Typical thickness</b>	35 microns dft from 83 microns wft
<b>Theoretical coverage</b>	12 square metres per litre
<b>Practical coverage</b>	Reduce theoretical coverage by up to 20%
<b>Appearance/Colour range</b>	Glossy / White and selected pastel shades
<b>VOC content</b>	IIA/j: 140g/l (2010). <= 35g/l VOC

## application details

<b>Mix ratio</b>	two pack
<b>Method of application</b>	Apply 2 coats by brush or medium pile roller.
<b>Thinner</b>	Not recommended
<b>Cleaner</b>	Water. If dried on equipment use TH98
<b>Pot Life</b>	4 hours

### Drying time

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
20°C	2 hours	8 hours	8 hours	7 days

**Note:** Drying/curing times will be shortened by higher temperatures and lengthened by lower temperatures

## storage and handling

<b>Storage</b>	Store in a safe place out of the reach children. Protect from frost.
<b>Pack Size</b>	5 litres
<b>Flash point</b>	Non flammable
<b>Product weight</b>	1.10 kilograms/litre
<b>Shelf life</b>	3 years in unopened containers in frost free store

## surface preparation

Torex Flame retardant anti-graffiti must only be applied to surfaces which have good adhesion and have been previously coated with conventional water based coatings.

If a primer is required (eg. for spot priming) use Aqualife Multi-surface primer EM367.

Weakly bound matt painted surfaces should be consolidated by applying one coat of Tor Surface Sealer EM337 before applying Tor Flame retardant anti-graffiti.

## limitations

Torex Flame Retardant anti-graffiti must be applied at the specified spreading rate.

Torex Flame Retardant anti-graffiti can only be applied over sound well adhered multi-layered paint surfaces. Adhesion checks must be carried out before specification of the system.

Do not apply and/or allow to dry at temperatures below 5°C.

Do not apply if condensation is likely to occur.

Drying times will be extended if temperature falls below 10°C.

## safety precautions

A copy of the appropriate Health & Safety Data Sheet should be consulted prior to using the product. This can be faxed if urgently required.

Minimum precautions for all paints:

1. Avoid skin and eye contact i.e. wear gloves, goggles, etc.
2. Ensure good ventilation, mechanical if necessary.
3. Store and use away from heat and flame.
4. Do not eat or smoke in the vicinity of work.
5. Wash hands before eating.
6. Refer to supply container for additional warning labels.

## definitions

<b>Tolerances</b>	All information quoted in this data sheet is subject to normal manufacturing tolerances.
<b>Practical coverage</b>	Practical coverage can vary considerably depending on method of application, surface roughness, weather conditions and complexity of the structure.
<b>Pot Life</b>	Applies only to two pack products and refers to the time the mixture remains usable.
<b>VOC</b>	Volatile organic compounds
<b>dft</b>	Dry film thickness
<b>wft</b>	Wet film thickness

## disclaimer

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied him/herself independently as to the suitability of our products for his/her own particular purpose. In no event shall Tor Coatings be liable for consequential or incidental damages.

This document will normally be updated at least every two years. It is the users responsibility to ensure that they have the current copy.

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