



Torrex Flameshield Ultimate Build Coat

EM375

intended uses

A high build intumescent coating used as part of the Torrex Flameshield Ultimate System.

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

The Torrex Flameshield Ultimate System converts the Warrington Fire Research Centre Class 4 "blue board" to Class 0 when tested to BS476 Parts 6 and 7.

product description

A single pack, water based acrylic intumescent coating.

product information

Product reference	EM375
Volume solids	56+/-2%
Typical thickness	420+/-15 micron dft from 750 micron wft
Theoretical coverage	1.33 square metres per litre
Appearance/Colour range	Matt / off white
VOC content	IIA/i: 140g/l (2010). <= 10g/l VOC

application details

Mix ratio	N / A
Method of application	Apply one coat by medium pile roller. Whilst the coating is still wet, roll over the surface with a foam texturing roller to produce a lightly textured finish. To be applied by Tor approved contractors only. See detailed Torrex Flameshield Ultimate Application Guidelines.
Thinner	DO NOT THIN
Cleaner	Water
Pot Life	N / A

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
20°C	4 hrs	16 hrs	16 hrs	7 days

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

storage and handling

Storage	Store in a safe place out of the reach of children. Protect from frost.
Pack Size	10 litres
Flash point	N/A
Product weight	1.38 kilograms/litre
Shelf life	2 years in unopened containers

surface preparation

Only to be applied over Torrex Ultimate Primer. EP111.

limitations

Will only achieved fire upgrading properties if applied as part of the Torrex Flameshield Ultimate System.

Torrex Fire Upgrading Systems can only be applied over previously painted surfaces which show good adhesion, both between coats and to the original surface.

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

Do not apply if condensation is likely to occur.

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

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