

Torrex ultimate primer

EP111

intended uses

A fire retardant primer for use as the first coat of the Torrex Ultimate Systems.
For use over existing multi-layered painted surfaces to reduce the spread of flame in the event of a fire.
The Torrex Flameshield system converts the Warrington Fire Research Centre Class 4 "blue board" to Class 1 when tested to BS476 Part 7.

product description

A two pack pigmented water based epoxy.

product information

Product reference	EP111
Volume solids	45%
Typical thickness	45 microns dft from 100 microns wft
Theoretical coverage	10 square metres per litre
Practical coverage	Reduce theoretical coverage by up to 20%
Appearance/Colour range	White
VOC content	1g/L

application details

Mix ratio	Base and activator supplied in correct proportions. Add all activator to base container. Mix thoroughly for at least 5 mins until product is smooth and even. Allow to rest 5 mins before using. DO NOT MIX PART UNITS. Badly activated or incorrectly mixed materials will affect performance and may cause early failure or discolouration.
Method of application	Apply 1 coat by short / medium pile roller.
Thinner	Not recommended
Cleaner	Water, if dry on equipment use TH98
Pot Life	2 hours

Drying time

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
20°C	4 hours	16 hours	16 hours	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	5 litres
Flash point	Non flammable
Product weight	1.40 kilograms/litre (mixed)
Shelf life	2 years in unopened containers

surface preparation

Only for use on well adhered painted surfaces.

Scrape off any loose or flaking paint back to a firm edge.

Remove existing graffiti with Torclean Graffiti Remover Wipe System or Torclean G Graffiti Remover.

Wash down and degrease using Torstrip WDA10 Wash Down Agent diluted 1:10 with water. Rinse with clean water.

Ensure surface is clean, dry and free of contamination prior to paint application.

limitations

Will only achieved fire upgrading properties if applied as part of the Torrex Ultimate AG System or the Torrex™ Ultimate Eggshell 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.

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.

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.