



# Torrex ultimate intermediate

EM348

## intended uses

An flame retardant intermediate coat used as part of the Torrex Ultimate AG System and applied prior to application of the anti-graffiti finish coat.

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

## product description

A single pack water based acrylic.

## product information

<b>Product reference</b>	EM348
<b>Volume solids</b>	50%
<b>Typical thickness</b>	100 microns dft from 200 microns wft
<b>Theoretical coverage</b>	5 square metres per litre
<b>Practical coverage</b>	Reduce theoretical coverage by up to 20%
<b>Appearance/Colour range</b>	Matt / White and selected pastel colours
<b>VOC content</b>	Cat IIA/i: 140g/l (2010). <= 1g/l VOC.

## application details

<b>Mix ratio</b>	N / A
<b>Method of application</b>	Apply one coat by medium pile roller.
<b>Thinner</b>	Not recommended
<b>Cleaner</b>	Water
<b>Pot Life</b>	N / A

### Drying time

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
20°C	2 hours	8 hours	16 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 safe place out of the reach of children. Protect from frost.
<b>Pack Size</b>	5 litres
<b>Flash point</b>	Non flammable
<b>Product weight</b>	1.40 kilograms/litre (mixed)
<b>Shelf life</b>	2 years in unopened containers

## surface preparation

Only to be applied over the Torrex Ultimate Primer.

## Limitations

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

Updated: April 2019

EM348