

Torrex fire upgrading eggshell finish

EM360

intended uses

A water based durable decorative fire retardant coating for use as the finish coats of the Torrex Fire Upgrading Eggshell System.

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

The Torrex Fire Upgrading Eggshell System converts the Warrington Fire Research Centre Class 4 "blue board" to Class 1 when tested to BS476 Part 7.

product description

A single pack pigmented urethane acrylic coating containing flame retardants. Water based.

product information

Product reference	EM360 series
Volume solids	40%
Typical thickness	40 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	Eggshell / White and selected pastel shades
VOC content	74 grams/litre

application details

Mix ratio	Single pack
Method of application	Apply 2 coats by brush or short/medium pile roller.
Thinner	Not recommended
Cleaner	Water for cleaning equipment
Pot Life	N/A

Drying time

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
20°C	1-2 hours	4-6 hours	4 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 children. Protect from frost.
Pack Size	5 litres
Flash point	Non flammable
Product weight	1.35 kilograms/litre
Shelf life	2 years in unopened containers in frost free store

surface preparation

Torrex Fire Upgrading Eggshell Finish must only be applied to surfaces which have been primed with Torrex Fire Upgrading Primer EM358.

Any areas which have been filled after priming must be re-primed prior to application of Torrex Fire Upgrading Eggshell Finish.

limitations

Torrex Fire Upgrading Eggshell Finish must be applied at the specified spreading rate.

Will only achieved fire upgrading properties if applied as part of the Torrex Fire Upgrading Eggshell system.

Torrex Fire Upgrading Systems 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

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: September 2001