

# Tor Surface Sealer

EM337

## intended uses

A clear minimal darkening protective sealer for natural stonework.

A sealer coat for use under Torlife TP Clear Lacquer to minimise the darkening effect experienced with solvent based lacquers.

A sealer for bare, porous masonry substrates.

A consolidation sealer for weakly bound coatings such as V Matt prior to the application of a Tor anti-graffiti system.

## product description

A single pack water based acrylic.

## product information

<b>Product reference</b>	EM3370004
<b>Volume solids</b>	20%
<b>Typical thickness</b>	20 microns dft from 100 microns wft
<b>Theoretical coverage</b>	10 square metres per litre
<b>Practical coverage</b>	Can vary considerably depending upon the porosity of the substrate
<b>Appearance/Colour range</b>	Clear
<b>VOC content</b>	EU limit value for this product (cat A/h): 30 g/l . This product contains max 30 g/l VOC

## application details

<b>Mix ratio</b>	Single pack
<b>Method of application</b>	Normally applied in 1 coat by brush or short/medium pile roller
<b>Thinner</b>	Not recommended
<b>Cleaner</b>	Water for cleaning equipment
<b>Pot Life</b>	Not applicable

### Drying time

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
20°C	45 minutes	4 hours	4 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 of children. Protect from frost.
<b>Pack Size</b>	5 litres
<b>Flash point</b>	Non flammable
<b>Product weight</b>	1.021 kilograms/litre
<b>Shelf life</b>	3 years in unopened containers stored in dry, frost free conditions

## surface preparation

Dry broom/wire brush substrate to remove as much loose and friable material as possible.

Treat any mould or fungal growth with Torkill Fungicidal Solution 'W'.

Check that moisture content is less than 5.5 on protimeter screed scale.

Ensure surface is clean dry and free of contamination.

## limitations

Do not apply to "damp" substrates, particularly to those areas below the DPC or film formation may be adversely affected.

Do not apply if temperature falls below 5°C or rainfall is imminent or if condensation is likely to occur.

Avoid excessive wet film build up or any rapid workings of the wet film which may cause aeration. Ensure all drips are thoroughly "laid off". Failure to observe the above can cause the affected areas to dry white.

A test patch must be carried out on substrates other than natural stone since surfaces hardness and porosity vary greatly and therefore can markedly affect performance.

Very porous substrates may require a second application.

Protect material and freshly applied film from frost.

## 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.

**Updated: Aug 19**

**EM337**