

Aqualife TP Scrim Adhesive

EP160

Intended uses

Part of a high performance anti graffiti system and an easy clean hygiene finish for the food and drink industries. The adhesive is used to incorporate a fibreglass scrim giving much increased strength and flexibility. The system is completed by 2 coats of Torlife™ WB Gloss / Satin Finish or one coat of Torlife Ultimate Finish.

Product description

A two component water based epoxy resin system pigmented with inorganic pigments and extenders.

Product information

Product reference	EP160
Volume solids	50% (mixed RFU)
Typical thickness	250 microns dft from 500 microns wft (2 sq.m/lt) 125 microns dft from 250 microns wft (4sq.m/lt)
Theoretical coverage	2 square metres per litre for bedding fibreglass scrim. 4 square metres per litre for overcoating fibreglass scrim.
Practical coverage	Reduce theoretical coverage by up to 20%
Appearance/Colour range	White
VOC content	15 grams / litre

Application details

Mix ratio	4:1 approximately (base:activator) by volume
Method of application	Preferred application is by medium pile roller (small areas can be brushed). After bedding the fibreglass into the EP160 a further coat of EP160 is applied overall to "fill in" the fibreglass profile.
Thinner	Not required
Cleaner	Water for cleaning (if allowed to dry use Tor TH98)
Pot Life	Approximately 1 hour

Drying time

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
20°C	2 hours	16 hours	16 hours	28 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	Non flammable
Product weight	1.64 kilos/litre (base) 1.21 kilos/litre (activator)
Shelf life	2 years in unopened containers

Surface preparation

Bare friable/Porous: First stabilise with Tor WB Stabilising Sealer EM319 followed when dry by priming with Aqualife WSE Primer EP131.

Glazed Tiles/Previous 2 Pack: Degrease and apply 1 coat Aqualife WSE Primer EP131, prior to applying the first coat of EP160 Adhesive.

Limitations

Will only fully cure if the correct activator is added in the proportion as supplied and mixed thoroughly before use.

The recommended fibreglass tissue is 35 gms per square metre. Coarser material will show "pattern" even when finished.

Do not re-seal partly used tins due to pressure build up.

Temperatures below 10°C will extend curing times.

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 component products and refers to the time the mixture remains usable.

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: February 2017