

PRODUCT DESCRIPTION

These hollow glass spheres have been specially developed to produce a lightweight, light-coloured, low density filling material. An extremely low moisture uptake makes the filler powder ideal for use above and below the waterline. Filler powder may also be used for fairing large areas, offering economies over the lightweight fairing powder at a slight penalty in weight and sandability. Suitable for repairing small areas of damage such as holes and cracks or for use as a fairing mix for profiling large areas. Can be used for bedding deck hardware and fittings, and for other areas where a rigid sealer is required.

PRODUCT INFORMATION

Colour	YXA440-White
Specific Gravity	0.11
Typical Shelf Life	2 yrs
Unit Size	110 g 550 g 10 kg Also available as part of YXA234 Filler/Fillet Pack

DRYING/OVERCOATING INFORMATION

Drying

Overcoating Substrate Temperature

Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
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Note: Specific Gravity quoted is the bulk value.

APPLICATION AND USE

Preparation	For surface preparation advice, see HT9000 datasheet or alternatively the Epiglass Epoxy Resin Guide.
Method	<p>FILLING: Remove all loose material and prepare surface. Open out cracks back to solid material with a "V" shaped scraper. Accurately measure Epiglass Epoxy Resin and Hardener, mix well. Prime the area with a coat of Epiglass resin mix. Blend in Glue Powder to the resin mix. Add Filler Powder (Epiglass HT440) to the mix and blend to an even consistency. Use a spreader or trowel to work the filler mix into the damaged area and smooth off just proud of the surrounding surface. Sand smooth with 120 and 280 grade paper. Finish with International primers, undercoats and topcoats. FAIRING: Prepare surface by abrading with coarse (60 - 80) grade paper and wipe down with Epiglass Epoxy Solvent. Accurately measure Epiglass Epoxy Resin and Hardener, mix well. Prime the area with a coat of Epiglass resin mix. Blend in Glue Powder to the resin mix. Add Filler Powder (Epiglass HT440) to the mix and blend to an even consistency. Use a spreader or trowel to apply the filler and spread out evenly. Use a long batten to smooth out the fairing mix to the desired profile. The batten should be able to flex to the hull shape required and be stiff enough to ensure a fair line. A two metre length of 20 x 30 mm softwood or PVC piping is ideal. Sand smooth with 120 and 280 grade paper. Finish with International primers, undercoats and topcoats. Epiglass HT440 can be used to add bulk to an Epiglass glue mix (up to 50% addition by volume) during wood veneer lamination.</p>
Hints	<p>Mixing Ensure that the Epiglass resin and hardener are thoroughly mixed before adding any extenders. It is best to use a large number of small volume mixes. Prepare the volume of resin and extenders before commencement of mixing to maximise your working time with the finished mix. Mix Ratio (by volume) : Filling & Fairing White - HT110:HT440:HT9000 (mixed) - 1:3:1 . Precise measurement of extenders is not necessary when mixing. Add the extender until the mixture has developed the characteristics you require for the job. Further details on additives and their use can be found in the Epiglass Epoxy Resin Guide.</p> <p>Thinning Do not thin.</p> <p>Cleaner YTA901 Epiglass Epoxy Solvent</p> <p>Other Use glue powder in all filler, fairing and filleting mixes to prevent sagging.</p> <p>Curing The total cure time varies depending on hardener used (fast, standard or slow), volume</p>

mixed, temperature and the shape of the mixing cup.

Some Important Points Always ensure the resin and hardener have been carefully mixed at the correct 4:1 ratio by volume. Refer to HT9000 datasheet for application temperatures for specific hardener being used. Do not apply over conventional paints or flexible constructions.

Compatibility/Substrates For use with Epiglass HT9000 Epoxy Resin only. Offers advantages over other epoxy fillers as volume required, speed of cure and viscosity can be adjusted to suit individual jobs. For use above and below the waterline. Epiglass HT440 is suitable for use on prepared surfaces such as grp laminates, metal and rigid wooden constructions.

Recommended DFT

Application Methods Not applicable

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage

GENERAL INFORMATION:

Exposure to air and extremes of temperature should be avoided. For the full shelf life of Epiglass HT440 to be realised ensure that between use the container is firmly closed and the temperature is between 5°C/40°F and 35°C/95°F. Keep out of direct sunlight.

TRANSPORTATION:

Epiglass HT440 should be kept in securely closed containers during transport and storage.

Safety

GENERAL: We strongly recommend the use of gloves, overalls and a protective mask to reduce the chance of inhalation of extender particles and prevent contact of the resin system with exposed skin. Read the label safety section for Health and Safety Information, also available from our Technical Help Line.

DISPOSAL: Reminders of Epiglass HT440 cannot be disposed of through the municipal waste route or dumped without permit. Disposal of reminders must be arranged for in consultation with the authorities.

IMPORTANT NOTES

The information given in this sheet is not intended to be exhaustive. Any person using the product without first making further written enquiries as to the suitability of the product for the intended purpose does so at their own risk and we can accept no responsibility for the performance of the product or for any loss or damage (other than death or personal or injury resulting from negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

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