

PRODUCT DESCRIPTION

Watertite is a quick drying epoxy filler suitable for use on GRP, Metals and rigid Wood constructions. The formulation does not shrink and is extremely water resistant, making it suitable for osmosis damage repairs.

- * Fill up to 20 mm without sagging
- * Use above and below the waterline
- * High strength and adhesion properties
- * Simple 1:1 mixing ratio for easy measurement of components
- * Very fast drying

PRODUCT INFORMATION

Colour	YAV137 - Light Blue Base product code is YAV334 & curing agent product code is YAA442.
Finish	Matt
Specific Gravity	1.14
Volume Solids	100%
Mix Ratio	1:1 by volume (as supplied)
Converter/Curing Agent	YAA442
Typical Shelf Life	2 yrs
VOC (As Supplied)	0 g/lit
Unit Size	250 ml, 1 Lt

DRYING/OVERCOATING INFORMATION

		Drying							
		10°C (50°F)		15°C (59°F)		25°C (77°F)		35°C (95°F)	
Sandable		12 hrs		8 hrs		4.5 hrs		1.5 hrs	
Pot Life		75 mins		45 mins		25 mins		10 mins	
		Overcoating							
		Substrate Temperature							
		10°C (50°F)		15°C (59°F)		25°C (77°F)		35°C (95°F)	
Overcoated By		Min	Max	Min	Max	Min	Max	Min	Max
Gelshield 200		12 hrs	ext	8 hrs	ext	4.5 hrs	ext	1.5 hrs	ext
Interprotect		12 hrs	ext	8 hrs	ext	4.5 hrs	ext	1.5 hrs	ext
One UP		12 hrs	ext	8 hrs	ext	4.5 hrs	ext	1.5 hrs	ext
Perfection Undercoat		12 hrs	ext	8 hrs	ext	4.5 hrs	ext	1.5 hrs	ext
Primocon		12 hrs	ext	8 hrs	ext	4.5 hrs	ext	1.5 hrs	ext
VC Tar2		12 hrs	ext	8 hrs	ext	4.5 hrs	ext	1.5 hrs	ext
Watertite		12 hrs	ext	8 hrs	ext	4.5 hrs	ext	1.5 hrs	ext
Yacht Primer		12 hrs	ext	8 hrs	ext	4.5 hrs	ext	1.5 hrs	ext
Yacht Primer (Professional)		12 hrs	ext	8 hrs	ext	4.5 hrs	ext	1.5 hrs	ext

APPLICATION AND USE

Preparation **PRIMING:** Watertite can be applied over most International 1 and 2 pack primers. Ensure primer is sanded with minimum P280 grit and cleaned thoroughly.

PREVIOUSLY PAINTED SURFACE:

In Good Condition: Above water: Wash down with a suitable detergent, rinse with fresh water and allow to dry. Sand with 220-280 grade (grit) paper. Clean thoroughly and allow to dry completely. Pre-prime using an International primer as detailed for specific coating systems.

Below water All fouling and contamination must be thoroughly removed including the leached layer. Use high pressure fresh water wash (3000 psi/207 bar) and/or scraping and wet sanding with typically 80-120 grade paper. Do not dry sand. If old antifouling is incompatible or unknown, seal with suitable International Paint barrier/sealer coat. Re-Prime where necessary.

In Poor Condition: Remove all antifouling and other loosely adhering and flaking material, feather back all edges and wet sand all areas. Areas taken back to substrate should be treated as recommended for substrates detailed below.

BARE WOOD/PLYWOOD: Sand smooth with 80-180 and then 280 grade paper. Remove sanding dust by brushing, dusting and wiping. If wiping with solvent then allow to dry completely before applying primer. Prime using an International primer as detailed for specific coating systems.

STEEL: Degrease with solvent, Super Cleaner or a suitable liquid detergent. Gritblast to Sa 2½ - near white metal surface. If gritblasting is not possible, grind the metal surface with 24-36 grit abrasive discs to a uniform, clean, bright well roughened metal surface 50-75-microns anchor pattern. Use angle grinder on small areas. Clean thoroughly and allow to dry completely. Prime using a recommended International primer as soon as possible (within 8 hours) as detailed for specific coating systems.

ALUMINIUM: Degrease with solvent, Super Cleaner or a suitable liquid detergent. Sand well using 24-120 grade (aluminium compatible) paper. Coarser grades are recommended to achieve optimum adhesion. Clean thoroughly and allow to dry completely. Prime using a recommended International primer as soon as possible (within 8 hours) as detailed for specific coating systems.

ZINC/GALVANISED STEEL: Degrease with solvent or a suitable liquid detergent. Sand well using 60-120 grade paper. Clean thoroughly and allow to dry completely. Prime using a recommended International primer as soon as possible (within 8 hours) as detailed for specific coating systems.

GRP/EPOXY: Degrease with solvent or a suitable liquid detergent. Sand well using 180-220 grade paper. Clean thoroughly and allow to dry completely. Pre-prime using an International primer as detailed for specific coating systems. When treating osmosis, use Gelshield Plus prior to application of 1st coat of epoxy primer.

LEAD: Degrease with solvent or a suitable liquid detergent. Sand well using 120 grade paper or power wire brush. Clean thoroughly and allow to dry. Prime using a recommended International primer as soon as possible (within 8 hours) as detailed for specific coating systems.

Method Remove any dust from the surface. Apply firmly in a spreading action. Fill to a level slightly above the surrounding area. When hardened, sand smooth with 80-220 grade wet or dry paper. If left longer than 24 hours, two component epoxy fillers will need sanding with 80-220 grade wet or dry paper to ensure a good physical key.

Hints **Mixing:** Mix the two components thoroughly to an even colour. Mix both components together thoroughly to correct mix ratio.

Thinning: Do not thin.

Cleaner: YTA061 International Epoxy Thinner No 7.

Ventilation and Humidity Control: Avoid cold, damp conditions which may cause a stickiness to form on the surface. This should be removed by water and a 3M Scotchbrite pad or sanding.

Other: Large areas should be sanded with paper on a board twice the length of the repair area, this will allow for curvature of the hull. Small areas can be sanded using a sanding block. Sand as soon as possible after the sandable time as Watertite continues to harden with time.

Some Important Points Do not use below 7°C. Do not apply more than 2.0 cm thickness at any one time. Product temperature should be minimum 10°C and maximum 35°C. Ambient temperature should be minimum 7°C and maximum 35°C. Substrate temperature should be minimum 7°C and maximum 35°C.

Compatibility/Substrates Will not adhere well to undercured GRP laminate. Allow to fully cure before abrading laminate and applying Watertite.

Number of Coats As required.

Coverage (Theoretical) - 0.2 m²/L @ 5000 microns WFT.

Recommended DFT per coat ≤ 20000 microns

Recommended WFT per coat ≤ 20000 microns

Application Methods Palette knife or spreader

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage **GENERAL:**
Exposure to air and extremes of temperature should be avoided. For the full shelf life of Watertite to be realised ensure that between use the container is firmly closed and the temperature is between 5°C/41°F and 35°C/95°F. Keep out of direct sunlight.

TRANSPORTATION:
This product should be kept in securely closed containers during transport and storage.

Safety **GENERAL:**
Read the label safety section for Health and Safety Information, also available from our Technical Help Line.

DISPOSAL:
Do not discard tins or pour paint into water courses, use the facilities provided. It is best to allow paints to harden before disposal.
Remainders of Watertite cannot be disposed of through the municipal waste route or dumped without permit. Disposal of remainders 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*

Watertite

Fillers

Epoxy Filler



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.

Please refer to your local representative or visit www.international-yachtpaint.com for further information.

All trademarks mentioned in this publication are owned by, or licensed to, the AkzoNobel group of companies. © AkzoNobel 2023.

Ref:10544 Watertite (2018) Issue Date:09/03/2023