Product Data Sheet
Aerowave 2501

Intended Uses

Aerowave 2501 is a non-shrinking repair filler with fast set time and excellent sanding properties, compatible with a wide range of substrates and primers. Ideal for use on pinholes, scratches and small imperfections. For use above the waterline only.

Specification Data

Volume Solids	95% (mixed product)
Specific Gravity	1.593
Available Packs	290 ml
Base	OA1801 - White Base
Converter	OA1802 - Brown Curing Solution
Equipment Cleaning	T0002
Typical Shelf Life	3 years

Theoretical Coverage

Application Methods	Number of Coats	Recommended Per Coat			Theoretical Coverage Per Coat (at recommended DFT)
		WFT	DFT	Max DFT	
Trowel, Putty Knife, Spatula	1	3000 µm 118.1 mil	2850 µm 112.2 mil	10000 µm 393.7 mil	0.4 m²/lt 14.3 ft²/Gal

Coverage calculations are based on theoretical transfer efficiency of 100%. Actual coverage rate obtained will vary according to equipment choice, application techniques, part size and application environment.

Aerowave 2501 can be applied in multiple layers to achieve the desired thickness.

VOC

All VOC information contained herein is theoretical (unless otherwise stated). Actual VOC content may vary by batch and when tested via standard test methodology.

VOC values are for the mixed product and recommended mixed ratio.

Product	As Supplied (without reducer)			
	g/L	lb/gal	g/Kg	lb/lb
Aerowave 2501	41	0.34		

Surface Preparation

The surface preparation advice provided, and equipment suggestions, can be used as a guide. Preparation techniques and results will vary according to individual conditions, equipment choice/condition and other factors. Testing on a non-critical area should be carried out prior to full-scale preparation.

Aerowave 2501 may be directly applied to gelcoat, fiberglass and existing coatings in good condition. Bare aluminium and anodized aluminium should be primed with a suitable Awlgrip primer.

Steel, bare aluminium / anodized aluminium: Prime with a suitable Awlgrip primer (refer to the relevant primer TDS for recommendations on surface preparation).
GRP / Gelcoat: Remove all surface contamination (waxes, mold release products, dirt, grease etc). Sand with 120 - 180 grade dry sand paper.
Existing Finishes: Sand with 120 - 180 grade dry sand paper.

Freshly applied Awlgrip Primer: Sanding is not required if overcoating within the recommended intervals.

Sand Aerowave 2501 with #P240 to #P400 (depending on overcoating product) and clean with Surface Cleaner T0170 (US) or T0340 (EU) using the two cloth wipe down method. Overcoat with an Awlgrip Primer or Topcoat.

Mixing & Reduction

Mix by volume 1:1 (Base:Curing Solution) or by weight 1:1
Mix the two components thoroughly to a uniform beige colour with no streaks or lumps. Use immediately.

Mixing and reduction requirements will vary according to individual conditions, climate, equipment choice/condition and other factors. Mixing and application of a small sample before full-scale application is recommended.

Application

Application equipment and parameters are given as a guide. Actual equipment choices will vary according to application conditions, equipment condition and other factors. Testing on a non-critical area should be carried out prior to full-scale application. Contact your local technical service representative for further advice if necessary.

Apply Aerowave 2501 by spatula to an area workable within pot life. The pot life and working time are dependent on temperature. Warmer climates will decrease pot life. Apply Aerowave 2501 by screeding tightly across the surface to be covered. Once the first coat is dry, a second tight screed can be

applied to remove any remaining small defects.

Recoatability & Drying Times

The data given for recoatability is not exhaustive. Actual recoatability can vary according to individual conditions, climate and surroundings. If unsure, consult your local technical service representative before proceeding.

The overcoating intervals refer to sanded Aerowave 2501.
Recoat within 72h of sanding at 25°C (77°F). Past this time, light sanding is recommended.

For best practice, it is recommended to apply topcoats on top of primers. The use of topcoats direct to Aerowave 2501 should be kept to the repair of pinholes or very small scratches to prevent the filler grain from showing through.

Drying	15°C (59°F)	25°C (77°F)	35°C (95°F)	
Sandable	1.5 Hours	60 Minutes	35 Minutes	
Pot Life	25 Minutes	10 Minutes	5 Minutes	

Overcoated By	15°C (59°F)		25°C (77°F)		35°C (95°F)			
	Min	Max	Min	Max	Min	Max		
545 Epoxy Primer, Aerowave 2501, Awlcraft 2000, Awlcraft SE, Awlgrip HDT Single Stage, Awlgrip Topcoat (Spray), Quick Build Sealer, Quick Build Surfacer	1.5 Hours	Extended	60 Minutes	Extended	35 Minutes	Extended		

Warning Notes

Do not apply paint materials to surfaces less than 3°C (5°F) above dew point, or to surfaces warmer than 41°C (105°F)
Ambient temperature should be minimum 10°C (50°F) and maximum 41°C (105°F)

The information in this Product Data Sheet is not intended to be exhaustive. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk and, to the extent permitted by law, we can accept no responsibility for the performance of the product or for any loss or damage arising out of such use. The information contained in this Product Data Sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.