

Product Data Sheet

Awlfair Surfacing Filler



Intended Uses

Awlfair Surfacing Filler is a premium two-component epoxy finishing filled, designed for use over Awlfair LW to fill in sand scratches, pinholes and other surface imperfections. Produces an outstanding smooth finish prior to applying the finish primer and finish, with excellent solvent resistance.

- * Creates a smooth, solvent-resistant surface
- * Eliminates surface imperfections in combination with Awlfair LW
- * Excellent health and safety profile

Specification Data

Volume Solids	88%
Specific Gravity	1.64
Available Packs	Available in 1HG pack (fill volume 1.89lts) base and 1QT pack (fill volume 0.946lts)
Base	D6200 Base
Converter	D3200
Equipment Cleaning	T0002, T0006

Theoretical Coverage

Application Methods	Number of Coats	Recommended Per Coat			Theoretical Coverage Per Coat (at recommended DFT)
		WFT	DFT	Max DFT	
Trowel, Spatula, Batten, Putty Knife	2	100 µm 3.9 mil	100 µm 3.9 mil	100 µm 3.9 mil	8.8 m ² /lt 358.5 ft ² /Gal

Awlfair Surfacing Filler is typically applied in several tight screeded layers up to a maximum total thickness of 20 mils / 500 microns.

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



VOC

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

Product	As Supplied (without reducer)			
	g/L	lb/gal	g/Kg	lb/lb
D6200 Base	9	0.08	5	0
D3200	337	2.81	230	0.23
Awlfair Surfacing Filler	119	0.99		



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.

Awlfair LW Fairing Compound should be sanded prior to application of the Awlfair Surfacing Filler. See the relevant product datasheet for more details.



Mixing & Reduction

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.

Mix the two components thoroughly to an even colour.



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.

Awlfair Surfacing Filler is easily workable with a putty knife, trowel or spatula.

Apply Awlfair Surfacing Filler by trowel to an area you can work within its pot life. The pot life and working time is dependent upon the temperature. Warmer climates will decrease pot life. Apply the Awlfair Surfacing Filler by screeding tightly across the surface to be covered. Once this coat is dry, a second tight screed is applied at 90 degrees to the first to remove any remaining small defects. This process can be repeated a third time if necessary to leave the ultimate smooth surface.

Only apply over properly applied and prepared Awlfair LW Fairing Compound (any voids present in the fairing compound must be repaired with Awlfair LW Fairing Compound prior to application of the Awlfair Surfacing Filler).

Do not apply the Awlfair Surfacing Filler direct to GRP.

Application Methods	Fluid Tip	Fluid Pressure	Fluid Flow Rate	Air Pressure
Batten, Putty Knife, Spatula, Trowel	-	-	-	-

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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.

Drying	15°C (59°F)	25°C (77°F)	35°C (95°F)
Hard Dry	24 Hours	12 Hours	8 Hours
Pot Life	40 Minutes	25 Minutes	18 Minutes

Hardness Development (Shore D): 60 (+/- 10%) after 8 hours

As Awlfair Surfacing Filler layers are thin, measurement of Shore D can be difficult.

In all cases, Awlfair Surfacing Filler must be sanded prior to recoating with itself or any other primer. Do not spray topcoat direct to Awlfair Surfacing Filler.

Awlfair LW is sandable after 48 hours at 13°C/55°F, 17 hours at 25°C/77°F and 6.5 hours at 35°C/95°F

Overcoated By	15°C (59°F)		25°C (77°F)		35°C (95°F)	
	Min	Max	Min	Max	Min	Max
545 Epoxy Primer, Awlquik, High Build, Hullgard Extra Epoxy Primer, Ultra Build Awlfair Surfacing Filler Epoxy Surfacing & Fairing Compound	24 Hours	6 Hours	2 Hours			

Awlfair Surfacing Filler can be left for an unlimited time but must be sanded prior to overcoating.

To achieve the optimum aesthetic result overcoat Awlfair Surfacing Filler with High Build Epoxy Primer before applying 545 Epoxy Primer.



Warning Notes

Do not add reducers, solvents or thinners of any kind to Awlfair Surfacing Filler. Do not use unless mixed thoroughly with the curing agent at specified ratio. Do not wipe down cured filler with thinners/solvents.

Do not use below 13°C/55°F or warmer than 40°C/104°F. Proper Application and/or cure results may be more difficult to achieve when conditions are outside this range.

Avoid conditions of low temperature with high humidity as this can result in the formation of a surface by-product that must be removed by either detergent wash followed by fresh water wash, or by sanding.

Check with local authorities to determine VOC restrictions in your area.

Please ensure a risk assessment is carried out to assess the level of PPE required for the particular task undertaken when using this product.

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.

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