



Uses

Awlfair Surfacing Filler is a premium two-component epoxy product. It is a non-shrinking glazing filler applicable over Awlfair LW Fairing Compound where it is used to fill sand scratches, pinholes and surface imperfections. Awlfair Surfacing Filler gives an outstanding smooth finish prior to applying the sealing, high build or finish primer. Utilizing the same technology as Awlfair LW, Awlfair Surfacing Filler has outstanding solvent resistance.

Specification Data

Packaging: Available in 1HG pack (fill volume 1.89lbs) base and 1QT pack (fill volume 0.946lbs).

Awlfair Surfacing Filler BaseD6200

Awlfair Surfacing Filler Converter.....D3200

Equipment CleaningT0006 or T0002 or M.E.K.

Theoretical Coverage:

Application Method	Number of Coats	Recommended Per Coat			Theoretical Coverage Per Coat (at recommended DFT)
		WFT	DFT	Max DFT	
Trowels, Spatulas, Putty Knives	2	4 mils(100 micron)	4 mils(100 micron)	4 mils(100 micron)	8.8 m ² /L 360ft 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, 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 and when tested via standard test methodology

Product	As Supplied			
	g/L	lb/gal	g/kg	lb/lb
Base (D6200)	9	0.08	5	0.005
Converter (D3200)	337	2.81	230	0.230
Mixed (2:1 by volume)	119	0.99	80	0.080

Volume Solids: 88.36%

Specific Gravity: 1.642

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 age 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 age and other factors. Mixing and application of a small sample before full scale application is recommended

Application Method	Mix Ratio	Recommended Thinning
Putty Knife, trowel or spatula	2:1 by volume 2.37:1 by weight	Do not thin

Mix the two components thoroughly to a uniform brown colour with no streaks or lumps.

Application

Application equipment and parameters are given as a guide. Actual equipment choices will vary according to application conditions, equipment age and other factors. Testing on a non-critical area should be carried out prior to full-scale application.

Contact 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.

Recoatibility and Drying Time

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

Drying	60°F/15°C	77°F/25°C	95°F/35°C	Notes
Hardness Development (Shore D)	>60 at 24 hours	>60 at 12 hours	>60 at 8 hours	As Awlfair Surfacing Filler layers are thin, measurement of Shore D can be difficult
Pot life	40 mins	25 mins	18 mins	

Note: 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.

Recoatability:



Overcoated By	60°F/15°C		77°F/25°C		95°F/35°C	
	Min	Max	Min	Max	Min	Max
Awlfair Surfacing filler	24 hours	Unlimited*	6 hours	Unlimited*	2 hours	Unlimited*
High Build	24 hours	Unlimited*	6 hours	Unlimited*	2 hours	Unlimited*
Ultra Build	24 hours	Unlimited*	6 hours	Unlimited*	2 hours	Unlimited*
Hullgard Epoxy Primer	24 hours	Unlimited*	6 hours	Unlimited*	2 hours	Unlimited*
Hullgard Extra Epoxy Primer	24 hours	Unlimited*	6 hours	Unlimited*	2 hours	Unlimited*
Epoxy Sprayable Fairing Compound	24 hours	Unlimited*	6 hours	Unlimited*	2 hours	Unlimited*
545 Epoxy Primer**	24 hours	Unlimited*	6 hours	Unlimited*	2 hours	Unlimited*
Awlquik	24 hours	Unlimited*	6 hours	Unlimited*	2 hours	Unlimited*

*Awlfair Surfacing Filler can be left for an unlimited time but must be sanded prior to overcoating. Once sanded Awlfair Surfacing Filler must be overcoated within 24 hours.

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

Sanding:



Awlfair Surfacing Filler is sandable after 24 hours at 60°F (15°C), 6 hours at 77°F (25°C) and 2 hours at 95°F (35°C). Sand using 100 – 120 grit sandpaper.

Warning Notes:



Do not add any thinners or reducers to Awlfair Surfacing Filler. Do not use unless mixed thoroughly with the converter at specified ratio. Do not thin. **Do not wipe down cured filler with reducers.**

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. Awlgrip® and all products mentioned in this Product Data Sheet are trademarks of, or licensed to, Akzo Nobel. © AkzoNobel, 2014