

Features & Uses

Awlfair L.W is a premium trowelable product for fairing, leveling or smoothing surface imperfections due to gouges, pitting, dents or weld seams. The Awlfair LW formulation brings you the latest technology with super smooth finish and easy sanding. Awlfair LW is suitable for both manual and automatic mixing. Leading industry applicators rave about it's application attributes. Backed by extensive laboratory research and development, Awlfair LW has been tested and approved for a multitude of systems. May be used above or below the waterline.

Specification Data

Type: Two-component epoxy.
Color: White base, red converter. Pink - after mixing components
Packaging: Available in 1 Quart, 1 Gallon (US only) ,2 Gallon pails, 60LT pails (EU only) and 200lt containers (EU only).
Theoretical Coverage - Sq. Feet/Gallon; 6.8 Sq. Feet (0.63 m²) at 240 mils (6000 microns) DFT.
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.
Recommended Wet Film Thickness: 240 mils (6000 microns) per coat . Maximum 400 mils (1 cm).
Number of coats: As required
Anticipated Cure Time at 75° F/25°C/50% R.H: 8 hours touch dry; 24 hours resistance to foot/tread; 7 days full cure.
Recoatibility: AWLFAIR L.W. must be sanded before recoating with itself or any other primer. It must be over coated with an epoxy primer such as HIGH BUILD, EPOXY SPRAYABLE FAIRING COMPOUND, HULLGARD, ULTRA BUILD or STD E Trowelable Filler (Europe only) before applying the finishing system.
AWLFAIR LW is sandable after 48 hrs at 55 ° F /13°C , 17hrs at 77° F/25°C & 6.5 hrs at 95°F/ 35°C.
Shore D hardness development after 7 days: >60 at 77 ° F/25°C.

VOC: Base (D8200) - 0 g/l or 0 lbs/gal
Converter (D7200) - 84 g/l or 0.70 lbs/gal
Mixed (1:1 by volume) - 42g/l or 0.35 lbs/gal

Product Components, Reducers, Additives, and Auxiliary Components

Base - AWLFAIR L.W. BASE WHITE.....D8200
Converter – AWLFAIR L.W. CONV RED.....D7200
Equipment Cleaning T0006 or T0002 or M.E.K.

Application Equipment

Longboard battens, trowels, Spatulas or Putty Knives.

Surface Preparation

Only apply over properly applied and prepared Awlgrip primers. Hullgard Extra Epoxy Primer (EU only), Hullgard Epoxy Primer and High Build are recommended substrate primers.
Awlfair LW may be applied direct to Hullgard Extra or Hullgard Epoxy Primer without the need for sanding. See the relevant primer product datasheet for details. High Build must be sanded prior to application of Awlfair LW.

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Mixing and Reduction

Mix 1:1 by volume (as supplied).
Mix ratio by weight: 1.59 :1.0 D8200 : D7200
Induction time after mixing: None

Anticipated Pot Life at 50% RH:
55°F/ 13°C : 3 hours
75°F/ 25°C : 1½ - 2 hours
95°F/ 35°C : 45 mins – 1 hr

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

Warning: Do not add any thinners or reducers to AWLFAIR L.W.

Application Instructions

Properly prepare and prime the surface with the recommended primer before starting any filling or fairing.

Apply Awlfair L.W. by trowel to an area you can work in 20 to 30 minutes. Pot life and working time is dependent upon temperature. Warmer climates will decrease pot life. Start with thin coats in low areas and build out to high areas. Allow to cure. Several applications may be necessary to fill large areas. Block and machine sand with 36 to 60 grit paper. Remove sanding dust and residue before applying more Awlfair L.W. Stop when the faired surface has a uniform surface which meets the fairing quality specified for the project.

Note: AWLFAIR L.W. must be sealed with Hullgard Epoxy Primer (D6070/D3707) when used below the waterline

Note: AWLFAIR L.W. must be sealed with an Awlgrip Epoxy Primer such as High Build when used above the waterline. This will maximize gloss and colour holdout in the Awlgrip top coat system.

Warning:

Do not use unless mixed thoroughly with the curing agent at specified ratio.

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.

Do not thin. **Do not wipe down cured filler with reducers.**

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.

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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