

PRODUCT DATA SHEET
AWL®FAIR L W FAST CURE
EPOXY TROWELABLE FAIRING COMPOUND
D8200/D7222



Features & Uses

AWLFAIR L.W. FAST CURE 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. 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.

Colour: White base, red converter. Pink – after mixing components.

Packaging: Available in 1 quart containers, 2 gallon containers.

Theoretical Coverage: Sq. Feet/Gallon: 1,463 Sq. Feet (136m²) at one mil dry (25 microns) DFT.
5.9 Sq. Feet (0.54m²); ¼ inch; 250 mils (6,350 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: 250 mils (6350 microns) per coat. Maximum 400 mils (1cm) per coat.

Number of coats: As required.

Cure Time at 75°F/25°C/50% R.H: 7 hours resistance to foot/tread; 7 days full cure.

Recoatibility: Awlfair® LW must be sanded before recoating with itself or other Awlgrip Product. It must be overcoated with an epoxy primer such as HIGH BUILD, EPOXY SPRAYABLE FAIRING COMPOUND, HULLGARD, ULTRABUILD or STD E Trowelable Filler before applying the finishing system. This is to reduce the risk of print through of the fairing compound profile.

AWLFAIR LW is sandable after 17 hrs at 55°F/13°C, 6 hrs at 77°F/25°C and 90 mins at 95°F/35°C.

Shore D hardness development after 7 days: >60 at 77°F/25°C.

VOC: White Base (D8200) – 0 g/lit or 0 lbs/gallon
Fast Converter (D7222) – 185 g/lit or 1.54 lbs/gallon
Mixed (1:1 by volume) – 93 g/lit or 0.77 lbs/gallon

Product Components, Reducers, Additives, and Auxiliary Components

GLOBAL AWLFAIR FAST CURE Base - White D8200
GLOBAL AWLFAIR FAST CURE Converter - Red..... D7222
Equipment Cleaning T0006 , T0002 Reducers or M.E.K.

Application Equipment

Trowels, Spatulas, Longboard or Putty Knives.

Surface Preparation

Only apply over properly applied and prepared Awlgrip Primers. Hullgard Extra Epoxy Primer and High Build are recommended substrate primers.

Awlfair LW may be applied direct to Hullgard Extra 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 by volume 1:1 D8200:D7222.
Mix ratio by weight 1.56:1 D8200:D7222

Thoroughly mix material to a uniform pink color with no streaks or lumps in the mix.

Induction Time after Mixing: None

Pot Life at 50% RH:

55°F / 13°C: 80 mins
75°F / 25°C: 30 – 35 mins
95°F / 35°C: 15 – 20 mins

Do not add thinners or reducers to AWL-FAIR L.W.

Application Instructions

Properly prepare and prime the surface with the recommended primer before starting to fill or fair.

Apply Awlfair L.W. by trowel to an area you can work in 5 to 10 minutes. Pot life and working time is dependant 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/or 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 topcoat system.

Warning:

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

Do not thin or wipe down cured filler with reducers.

Do not incorporate into this Awlgrip Coating System, any thinner, additive, modifier, converter, or related product produced by any manufacturer other than Awlgrip. Any such substitution can jeopardize the unique chemical characteristics provided by each of the Awlgrip Coating systems.

IMPORTANT

Before mixing, read Material Safety Data Sheet for health hazard and safety information. For further information regarding health and safety recommendations go to www.awlgrip.com.

FOR INDUSTRIAL USE ONLY

This product is for use by professional, trained, personnel using proper equipment and is not intended for sale to or use by, the general public.

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.