

# Product Data Sheet

## Awlfair Pumpable



### Intended Uses

Awlfair Pumpable is designed for fairing, leveling or smoothing surface imperfections due to gouges, pitting, dents or weld seams. Awlfair Pumpable can be used above and below the waterline. Although designed as a cosmetic material the design of the structure it is applied to should not be ignored. Seek independent expert advice to ensure that the construction and design are suitable for the chosen system and will not cause the fairing material to crack or delaminate.

### Specification Data

<b>Volume Solids</b>	96%
<b>Specific Gravity</b>	0.90
<b>Available Packs</b>	200 Lt
<b>Base</b>	OP7085
<b>Converter</b>	OP7086
<b>Equipment Cleaning</b>	T0006 or T0002 Reducers or M.E.K.
<b>Typical Shelf Life</b>	2 years

### Theoretical Coverage

Application Methods	Number of Coats	Recommended Per Coat			Theoretical Coverage Per Coat (at recommended DFT)
		WFT	DFT	Max DFT	
Batten, Trowel, Knife	As required	6000 µm 236.2 mil	6000 µm 236.2 mil	10000 µm 393.7 mil	0.17 m <sup>2</sup> /lt 6.9 ft <sup>2</sup> /Gal

Theoretical - 0.154m<sup>2</sup>/lt

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.

### Mechanical Properties

Test	Temperature		
	-20°C (-4°F)	0°C (32°F)	20°C (68°F)
Compressive Strain (%)	5	5	6.77
Flexural Modulus (MPa)	4114	3047	2492
Flexural Strain (%)	1	1.56	1.8
Flexural Strength (MPa)	40.74	45.92	38.54
Tensile Modulus (MPa)	3342	2881	2142
Tensile Strain (%)	0.61	0.83	1
Tensile Strength (MPa)	21.64	22.72	21.3
Thermal Expansion Coefficient (x10 <sup>-5</sup> /°C)	0.85	0.79	0.66



### 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
Awlfair Pumpable	40	0.33	44	0.04



### 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.



Please refer to your local representative or visit [www.yacht-paint.com](http://www.yacht-paint.com) for further information.

Awlgrip, the AkzoNobel logo and other products mentioned in this publication are trademarks of AkzoNobel. ©AkzoNobel 2019

# Product Data Sheet

## Awlfair Pumpable



### 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 a uniform pink colour with no streaks or lumps.

Warning: Do not add reducers, solvents or thinners of any kind to Awlfair Pumpable.

1:1 by volume (as supplied)

1.59:1 by weight of P7085/P7086

Awlfair Pumpable can be mixed using a suitable automatic mixing machine. The use of the mixing machine will generally increase the density of the product and will change the mechanical properties of the fairing compound. At the same time, automatic mixing equipment can provide productivity and health and safety benefits. Please consult your local technical representative for further advice regarding the use of automatic mixing equipment.

### 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.

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

Apply Awlfair Pumpable by trowel to an area you can work in 15-20 minutes. Start with thin coats of up to 6mm 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 40-60 grit paper. Remove air pockets and chamfer the edges prior to refilling as appropriate. Remove sanding dust and residue before applying more Awlfair Pumpable. Stop when the faired surface meets the fairing quality specified for the project.

Pot life and working time is dependent upon temperature.

Note: When battens are used in the fairing process, voids and hard edges can form when the battens are removed. Failure to correctly remove the batten, grind the area out to a tapered transition at greater than 7:1 ratio and then apply product in 6mm applications can lead to air voids, lack of adhesion and print through of the batten line.



### Recoatibility & Drying Times

Recoatibility: Awlfair Pumpable must be sanded before recoating with itself, surfacing filler or any other high build primer. It must be over coated with an approved high build primer to reduce the risk of print through of the fairing compound profile.

The data given for recoatibility is not exhaustive. Actual recoatibility 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	48 Hours	24 Hours	16 Hours	
Pot Life	3 Hours	1.5 Hours	45 Minutes	



### Warning Notes

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.

Please refer to your local representative or visit [www.yacht-paint.com](http://www.yacht-paint.com) for further information.

Awlgrip, the AkzoNobel logo and other products mentioned in this publication are trademarks of AkzoNobel. ©AkzoNobel 2019

Ref:10417 Awlfair Pumpable Issue Date:03/01/2022

2 of 2