



# Product Information

## A659 Extra Light Polyester Filler

*Extra Light Polyester Filler A659  
Hardener for A659 is supplied with the product*

### Product Description

A659 Extra Light Polyester Filler is a low density 2 component polyester filler that is exceptionally easily applied and worked, even over major surface imperfections. It is smooth, consistent and offers good flexibility and impact resistance.

A659 Extra Light Polyester Filler may be used over bare steel, fibreglass and GRP.

### Preparation of Substrates

***In all cases, select the appropriate cleaner(s) from the guide below, and ensure that the substrate is thoroughly cleaned and dried both before and after preparation work.***

STEEL: after degreasing with AA-6822 PROTEC® Heavy Duty Degreaser, sand with P80 - P120 grit and make completely rust free by conditioning with 971-9119 *Protec* Metal Conditioner.

FIBREGLASS (GRP): after removing mould release agent using 978-9051 *Protec* Surface Cleaner No3 and degreasing with AA-6822, sand with 240-320 dry grit.

AP-4110 *Protec* Epoxy Primer must be applied for maximum adhesion and corrosion resistance prior to application of P.E. Filler. Refer to technical data sheet for further information.

Before and after any sanding operation, the substrate must be thoroughly degreased using AA-6822 *Protec* Heavy Duty Degreaser.

***Please note:*** Substrates other than those stated should be tested before use, to ensure that the performance of the product is suitable for its intended use.

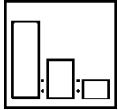
### Guide to Selection of Substrate Cleaners

<b>Code</b>	<b>Product</b>	<b>Purpose</b>
971-9119	<i>Protec</i> Metal Conditioner	A phosphoric acid bade metal pre-treatment. It facilitates the removal of oil, grease and rust as well as chemically etching the metal surface to ensure optimum adhesion of primer coats.
AA-6822	<i>Protec</i> Heavy Duty Degreaser	Suitable for removing wax, grease, tar or other contaminants before or during the painting process
978-9051	<i>Protec</i> Surface Cleaner No3	Removes most water based contaminants prior to or while sanding. Allows water wash off.

## Application Guide

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### Mixing Ratio (By Weight)



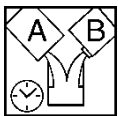
A659	100 parts
Hardener	<b>At 5 - 10°C:</b> 2.5 - 3.0 %
	<b>At 10 - 20°C:</b> 2.0 - 2.5 %
	<b>At 20 - 30°C:</b> 1.5 - 2.0 %

Thoroughly mix the hardener into the filler until the mix becomes a homogeneous paste.

**WARNING:** Using significantly more than the indicated amount of hardener, and / or using a hardener other than that specified in this data sheet, can lead to an excessive increase in temperature during mixing. Potentially, if the temperature rise is very high, the product could auto-ignite. This warning applies to this and any other peroxide catalysed polyester filler, and is not given because this filler presents more danger than other products of this type.

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### Potlife



<b>At 5 - 10°C:</b>	8 - 12 minutes
<b>At 10 - 20°C:</b>	7 - 10 minutes
<b>At 20 - 30°C:</b>	5 - 10 minutes

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### Application



Use a suitable knife or spreader.

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### Drying Times



<i>Dry to sand:</i>	<b>At 5 - 10°C:</b> 35 - 40 minutes
	<b>At 10 - 20°C:</b> 30 - 40 minutes
	<b>At 20 - 30°C:</b> 20 - 30 minutes



<i>IR drying times:</i>	<i>Short wave:</i> 5 - 6 minutes
	<i>Medium-wave:</i> 4 - 5 minutes

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### Sanding



P120 followed by P240 (dry).

*Note: Before sanding 2-component polyester fillers, it is useful to wipe the surface with a fast reducer. This reduces surface tack and prevents excessive clogging of the sanding paper.*

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### Overcoating



Overcoat with any *Protec 2K* primer.

Overcoat time at 20°C: 60 minutes.

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## Health and Safety

For comprehensive Health, Safety and Environmental advice, please refer to relevant Safety Data Sheets and Product Can labels.

This product is for professional use only.

The information given in this sheet is for guidance only. Any person using the product without first making further inquiries as to the suitability of the product for the intended purpose does so at his own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

Drying times quoted are average times at 25°C/77°F. Film thickness, humidity and shop temperature can all affect drying times.



PPG INDUSTRIES AUSTRALIA  
PTY LIMITED

McNaughton Road  
Clayton VIC Australia 3168

Tel: 13 2424

Fax: 1800 800 819

PPG INDUSTRIES NZ LIMITED

5 Vestey Drive Mt. Wellington

Auckland New Zealand

Tel: 0800 320 320

Fax: 0800 320 322

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