

Premium Body Filler Gold QBA

General Description

3M Premium Body Filler Gold QBA (Quick Build Adhesion) is a premium, lightweight, two component polyester filler designed to fill low areas in damaged automotive sheet metal. 3M Premium Body Filler Gold QBA has excellent adhesion to galvanised metal, steel, aluminium, SMC and fibreglass surfaces and is designed for rapid build-up of adhesion to the repair area thus minimising edge peeling during sanding. QBA is the 3M recommended body filler for basecoat/clearcoat refinishing systems.

3M Premium Body Filler Gold QBA is easy to sand and cures tack free in 15 to 20 minutes. It is supplied, and should always be used with 3M Creme Hardener for the best results.

(For information on 3M Creme Hardener, refer to separate data sheet.)

Product Features

Base: Unsaturated polyester resin, talc and styrene monomer
Packaging: **5835:** 3.5 kg Metal can
5840: 17.0 kg Metal pail (Pneumatic dispenser)
5841: 17.0 kg Metal pail (Mechanical dispenser)

Physical Properties

Colour: Light gold
Consistency: Paste
Working time: 3-4¹/₂ Minutes (mixed)
Time to sand: 15-20 Minutes (mixed)
Solids: 100%
Flashpoint: 31°C, Flammable

Safety Precautions

1. Keep away from heat, sparks and open flame.
2. Use in well ventilated area or use appropriate respiratory protection when mixing.
3. Use appropriate respiratory protection when cutting, sanding or grinding.
4. Avoid eye and prolonged skin contact.
5. Keep container closed when not in use.

Respiratory Protection

Mixing, Application and Sanding

3M 6000 Series Facepiece with 3M 2097 Organic Vapour Filter or 6001 Organic Vapour Filter with 5N11 Prefilters.
Or 3M 9913 Mist Respirator

Suggested First Aid

Eye contact: Immediately flush eyes with large amounts of water. Call a doctor.
Skin contact: Wash with soap and water.
Inhalation: Remove individual to fresh air. Call a doctor.
Ingestion: Do not induce vomiting Call a doctor immediately.

Mixing Instructions

Mix gently, using a paint paddle, from the sides of the can towards the centre.
Do not fold the material over itself as this will cause entrapment of air.

**Application
Techniques**

1. Sand repair area with either 3M Stikit or Hookit Discs in Grade 40, 3M 959 Fibre Disc in Grade 36 or 3M Coating Removal Disc.
2. Mix the filler and hardener on a clean, non-porous surface.
3. Apply a ribbon of hardener over the top of a golf ball sized amount of filler (or 2 grams of hardener per 100 grams of filler).
4. Mix to a uniform colour. Spread filler on mixing board being sure to break any air bubbles that were introduced during mixing. Working time is 3-4¹/₂ minutes.
5. Apply filler to repair area being sure to wet the entire area with a thin layer of filler.
6. Build filler in layers until the repair area is higher than the surrounding surface.
7. Before sanding filler, allow to cure 15 - 20 minutes conventionally or use an infra-red heater at 60°C for 4 - 5 minutes or until surface is tack-free. The panel temperature should not exceed 60°C during cure.
8. Sand cured filler with 3M 245 and/or 3M 255P Production Paper Sheets in grades P40 and/or P80.
9. Prepare repair area for priming and painting following 3M Dry Sanding System Recommendations.
10. Continue the repair according to the relevant paint company recommendations for the systems you are using.

Note: A thin layer of mixed filler on a non-porous mixing board will ensure the maximum working time and minimum pinholing possible.

**Storage(Filler and
Crete Hardener)**

Store in a cool dry location, out of direct sunlight and away from all sources of heat and ignition.

Keep container closed when not in use.

Recommended shelf life of filler is two years if stored in unopened original containers at ideal conditions (21°C and 50% Relative Humidity).

Recommended shelf life of hardener is one year if stored in unopened containers at ideal conditions (21°C and 50% Relative Humidity).

High heat will accelerate the shelf life of the filler and hardener.

Always rotate stock on a regular basis.

**Hazardous Goods
Transportation
Information**

	3M 5835 Premium Body Filler Gold QBA (with 5830 Creme Hardener)	3M 5840 and 5841 Premium Body Filler Gold QBA
<i>Proper Ship Name:</i>	Polyester resin kit	Resin solution
<i>Common Name</i>		
<i>Hazard class:</i>	3.3 Ocean	3.3 Ocean
<i>UN number:</i>	3269	1866
<i>Packing group:</i>	III	III
<i>Flashpoint:</i>	31°C	31°C
<i>3M MSDS number:</i>	07-5110-7 (filler) 06-6914-3 (hardener)	07-5110-7
<i>Airfreight forbidden?:</i>	Yes	Yes

3M 5835 Premium Body Filler Gold QBA may be stored and transported with 3M 5830 Creme Hardener according to Special Provision 236, Section 10.1 of NZS 5433:1988 which states; Polyester resin kits consist of two components: a base material (Class 3, Packing Group II or III) and an activator (organic peroxide), each packed in an inner packaging. The inner packaging shall be type D, E or F, not requiring temperature control, and be limited to a quantity of 125ml per inner packaging if liquid, and 500g if solid. The components may be placed in the same outer packaging provided they will not interact dangerously in the event of leakage. Packing group shall be II or III, according to the criteria for class 3, applied to the base material.



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