



Platinum™ Plus Glaze

03180 • 31180

Technical Data

July 2025

3M Part Number	3M Part Descriptor
03180	3M™ Platinum™ Plus Glaze – 16 fl oz pouch
31180	3M™ Platinum™ Plus Glaze – 24 fl oz pouch

Product Description

3M™ Platinum™ Plus Glaze is two-part premium self-leveling finishing glaze that is capable of repairing minor imperfections on properly prepared substrates such as galvanized steel, steel, aluminum, fiberglass, wood, SMC, E-coat, OEM topcoats, cured/sanded epoxy and urethane primers. 3M™ Platinum Plus Glaze cuts the sanding time to as little as 15 minutes.

Features

- Self-leveling formula is excellent for skim coating and offers good vertical hang
- Easy sanding
- Super adhesion to most substrates
- Stain Free/Tack Free
- Pinhole Free formula

Typical Physical Properties

NOTE: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

	PART A		PART B
Container	PN 03180	16 oz pouch	0.75 oz. plastic tube
	PN 31180	24 oz pouch	0.75 oz. plastic tube
Base	Polyester resin with styrene monomer		Benzoyl Peroxide
Density lbs./Gallon (Approx.)	8.65		10.0
Color	Mint Green		Blue
Viscosity (CPS) at 77°F (25°C) Brookfield Viscometer	26,400 – 36,800 cps		70,000–150,000 cps

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Product Uses

3M™ Platinum™ Plus Glaze is intended to be used as an auto body repair material. This polyester finishing glaze is capable of repairing minor imperfections such as scratches, gouges, pinholes, door dings. Can be used as a finish coat over body filler to fill pinholes and low filled areas. It may be applied on properly prepared steel, aluminum, galvanized, SMC, Fiberglass, wood and cured automotive paint surfaces. 3M™ Platinum Plus Glaze may also be used for industrial and architectural surfaces needing minor surface repairs.

For professional use only. Not intended for retail sale.

Performance Properties

The following times have been determined with ambient air temperature and substrate temperature @ 77°F (25°C) and are considered typical values.

Shape Sand Time	15 minutes when mixed with 2% hardener by weight at 77°F (25°C)
Finish Sand Time	20 minutes when mixed with 2% hardener by weight at 77°F (25°C)
Recommended Application Temperature	Above 45°F (7°C)
Service Temperature	Min: -20°F (-29°C) Max: 180°F (82°C)
Minimum Hardener	1.5%
Maximum Hardener	2.75%

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Lap Shear, Steel to Steel:	1,800 psi	ASTM D1002
Lap Shear, Aluminum to Aluminum:	1,290 psi	ASTM D1002
Tensile Strength:	1,670 psi	ASTM D638
Shore D hardness @ 24 hrs:	78	ASTM D2240
Flexural Strength:	3,040	ASTM D790 Procedure A
Shrinkage:	1.00%	LTM 855.0084

Directions for use:

Designed for COLLISION REPAIR ONLY, do not apply to bare CRS (Cold Rolled Steel). Apply epoxy primer prior to applying filler. Follow the paint manufacturer recommendations for applying filler over epoxy primers.

Read all directions and warnings for safe and proper application.

1. Clean the damaged area with a wax and grease remover.
2. Sand with 80/180-grit sandpaper if applying to bare metal or sand with 180-grit or finer if applying to surfaces other than bare metal.
3. Clean the sanded area with a wax and grease remover. *If applying to bare metal, immediately apply glaze after sanding and cleaning to prevent flash rust, or re-sand and re-clean when ready. Or apply an epoxy primer and follow paint manufacturer recommendations for applying glaze over primer.*

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4. Mix before using. Use at room temperature. Place desired amount on a clean, non-porous surface, such as 3M™ Disposable Paper Mix Board, PN 20382.
 5. Add 1 1/4-inch (3,2 cm) strip 3M™ Cream Hardener to a 3-inch (7,6 cm) diameter amount of glaze. Fold to mix thoroughly.
 6. Using a spreader or brush, apply a thin tight coat to "wet-out" the surface. Continue applying thin coats if needed to fill minor imperfections. Maximum fill should not exceed 1/8-inch (3 mm).
 7. After 15-20 mins sand the repair area with 180-grit and finer (up to 400-grit) to featheredge.
 8. Apply primer as soon as possible to seal the repair area and follow paint manufacturer's recommendations for finishing the repair.
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Applications

Repair of cosmetic surface imperfections in properly prepared auto body, industrial and architectural substrates.

Storage and Handling

HANDLING

Do not eat, drink or smoke when using this product. **Keep out of the reach of children.** Keep container closed when not in use.

STORAGE

When stored at the recommended conditions in original, unopened containers, this product has a shelf life of 16 months from the date of manufacture. Store in a dry area at 65–80°F (18–27°C) for optimal shelf life.

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Precautionary Information

Before using this product, please reference Product Label and/or Safety Data Sheet for Health and Safety Information. Note: Laws controlling the acceptable amounts of Volatile Organic Compounds (VOCs) vary by state, and in some cases by locality. For surface preparation and clean-up activities, consult federal, state and local regulations regarding use of products containing VOCs in your area.

Technical Information

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