



Automotive Aftermarket Division

3M™ 08881 & 08882 Water-Based Coatings

1) Part Numbers

3M™ 08881 : Black (1 Kilogram can)
3M™ 08882 : Grey (1 Kilogram can)

Dispensing system

3M™ 08996 : Standard spray gun with brass tube (*)

(*) to avoid rust problem on tube surface, if steel made.

2) Description and end uses

3M™ 08881 and 08882 are textured water-based coatings
3M™ water-based coating is an anti-chip and sound deadening coating supplied in a can designed to be dispensed with our standard spray gun.

It provides the following features:

- * fast overpaintability with all usual paint systems, including water based paints
- * excellent rust prevention properties
- * excellent flexibility
- * non sag

Curing time of these coatings could be accelerated by temperature (air booth, infra-red lamp).

For underbody, wheel arches, front/rear valences, body sills, new parts and repaired panels.

Major product features:

- Fast over paintable: 30 min up to at least 72h (without sanding) with all usual paint systems, including water-based paints.
- Excellent stone chip, weathering and corrosion resistant (better than our actual textured coatings).
- High performance
- Fast drying
- Excellent sag resistance
- Easy clean-up with water right after use (or solvent)



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- High flexibility
- Labelling advantage (no flame and no cross on can)
- No solvent
- Water-based formulation
- Low odour
- Appearance: keep same texture after drying, no shrinkage.

3) Physical Properties

Base	Water based (Styren-Acrylonitrile resins)
Consistency	Thick thixotropic paste
Colour	Grey and black
Density	1.2
Solids content	60 %
Tack Free Time	60 minutes (typical at 23°C, 55 % RH - 200 microns)
Paint over time	Final grey (or black) colour is obtained when dried 30 minutes
Temperature of application	+ 5°C to + 35°C -25°C to +70°C
Temperature resistance	
Storage conditions	Cool dry place. Do not store below +05°C and upper than +35°C.
Shelf life	12 months under normal storage conditions (+5/+35°C). Refer to mention on can.

4) Directions for Use

1-Preparation

Surfaces should be free from dirt and oil
Make sure the 3M™ 08996 applicator is clean, security holes free
Screw the can to the gun and fixe air line

Caution: Shake the can well before opening

2-Typical Application with 08996

Use a pressure from 4 to 6 bars (55-80 PSI)
Spray at a distance from 25 to 50 cm depending on the desired texture.



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Note: Different types of texture can be achieved by adjusting the nozzle (the more closed the nozzle, the finer the texture), the air pressure/spray distance combination or the number of coats.

For many coats, allow the coating to dry for a couple of minutes
Depending on the curing conditions (temperature, humidity,.) the coating should be overpainted with a primer when painting with water-based materials and after 1 to 3 hours drying.

Once dry can be overpainted directly.

3-Typical Application with HGP System

Use a pressure from 1.5 to 2 to bar (20-30 PSI)
Spray at a distance from 25 to 50 cm depending on the desired texture.

Note: Different types of texture can be achieved by adjusting the spray gun fluid control, set the fan control at ¼ from close. The air pressure/spray distance combination or the number of coats.

For many coats, allow the coating to dry for a couple of minutes
Depending on the curing conditions (temperature, humidity,) the coating should be overpainted with a primer when painting with water-based materials and after 1 to 3 hours drying.

Once dry can be overpainted directly.

5) Storage

Store at room temperature. Rotate stock on a “first-in-first-out” basis. When stored at the recommended conditions in original, unopened containers, this product has a shelf life of 12 months. Use in a well-ventilated area.

6) Safety

Please refer to the Material Safety Data Sheet or contact your local 3M™ Toxicology Department.

3M™ 08881 & 08882 Water-Based Coatings is designed FOR PROFESSIONAL INDUSTRIAL USE ONLY.



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7) Disclaimer

All statements, technical information and recommendations are based on tests we believe to be reliable as at the date of hereof, but the accuracy or completeness thereof is not guaranteed. Please ensure before using the product that it is suitable for your intended use. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, other than for fraudulent misrepresentation, 3M expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information.

For Additional Health and Safety Information

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