



Automotive Aftermarket Division

3M™ 08868/08878/08879 Antichip Coatings

1) Part Numbers

| | | |
|-----------|---|---------------------|
| 3M™ 08868 | : | Black / 1 litre |
| 3M™ 08878 | : | White / 1 litre can |
| 3M™ 08879 | : | Grey / 1 litre can |

2) Description and end uses

The 3M™ 08868/78/79 rubberised coatings provide stone chip protection. They have excellent sound deadening and rust preventive properties. They are fast drying and over paintable.

Key features:

- Easily applied using 3M™ 08996 spray gun or 3M™ 16587 HGP system including PPS cup, liner and nozzle
- Fast drying / tack free time
- Weathering, stone chip and corrosion resistant
- Flexible
- Excellent coverage in one coat. No flow

3M™ 08868/78/79 can be used to restore textured finishes on new parts or repaired panels in the following areas:

- Wheel arches
- Front/rear valences
- Side sills
- Wings

***NOTE:** 3M™ 08868 black coating can be used as an undercoating and body coating because it is over paintable.*



Technical Data Sheet

Effective: 18/08/2020 Supersedes: 21/01/1999

3) Physical Properties

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| Base | Rubber |
| Solvent | Mixed hydrocarbons |
| % Solids | Approx. 50 % |
| Density | About 1.1 |
| Viscosity (Brookfield) (Spindle 3, speed 10 rpm) | 6000 cps |
| Thixotropic index | 5 |
| Tack free time | 15 minutes |
| Coverage | 2-3 sqm / kg |
| Storage conditions | Cool dry place. Best results are obtained when material is stored and applied at room temperature, 15 to 30°C. Storage temperature must not exceed 50°C. |
| Shelf life | 2 years from date of manufacture under normal storage conditions. Refer "Lot Number" and "Best Before Date" 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 fix 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.

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



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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.

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.

5) Storage

Store at room temperature in flammables storage area. 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 see container for details. Use in a well-ventilated area.

6) Safety

3M™ Antichip Coatings are designed FOR PROFESSIONAL USE ONLY.

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.



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For Additional Health and Safety Information

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