



# Auto Plus Water Based Chip Guard

Corrosion Protection

## Technical Information

### PRODUCT VARIANTS

AP 31.1 – Water Based Chip Guard

### PRODUCT DESCRIPTION

AUTO PLUS Water Based Chip Guard is a flexible, chip resistant textured coating for cars, trucks, caravans, buses and trailers.

AUTO PLUS Water Based Chip Guard provides corrosion protection to areas subject to stone damage eg. aprons/ spoilers, sill panels, lower doors, wheel arches, quarter panels, underbody etc.

AUTO PLUS Water Based Chip Guard is also recommended for its protective and sound deadening properties when used in the engine bay, luggage compartment, boot wells and floor area.

Apply with European Spray Gun, putty or underbody gun. AUTO PLUS Water Based Chip Guard dry film may be overcoated with automotive topcoat without priming.

### DIRECTIONS OF USE

Shake before use.

**Important:** Do not apply at temperatures below 10°C or when relative humidity exceeds 95%.

**Suitable surfaces:** Correctly prepared automotive topcoat, fibreglass, corrosion resistant automotive 2-pack primer, timber and bituminous underbody. Do not apply to cavity wax or functional parts such as springs, exhausts, driveshafts, engine etc.

**Surface preparation:** Clean surface thoroughly before sanding and prior to the application of AUTO PLUS Water Based Chip Guard with wax and grease remover (except bituminous underbody - use detergent and water) to remove wax, oil, silicone, grease, sanding residues, moisture, surface contamination etc.

Lightly sand automotive topcoat or corrosion resistant automotive two-pack primer with P320-P400 grade abrasives. Important: take care not to sand through topcoat/primer.

Sand fibreglass with AUTO PLUS P120-P280 grade abrasives to remove gloss. Sand timber and bituminous underbody with P80-P120 grade abrasives.



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**Thinning (by volume):**

AUTO PLUS Water Based Chip Guard can be applied directly from the can or if applied with a putty gun can be thinned up to 5% with water.

**Application:** Apply 1-3 full wet coats at an approximate distance of 30-40cm with a minimum of 20 minutes drying time between coats.

**Air pressure:** Adjust to suit gun set-up and product viscosity to produce the required texture.

**DRYING:**

**Touch dry:** 1 hour @ 20°C.

**Hard dry:** 4 hours @ 20°C or baked for 20 minutes at 55°C after an initial minimum drying time of 30 minutes.

**Clean-up:** Clean equipment with water before Water Based Chip Guard dries.

**Temperature:**

DO NOT apply at temperatures less than 15°C or more than 31°C.

**Humidity:**

DO NOT apply at relative humidity exceeding 80%

**STORAGE AND SHELF LIFE**

Water Based Chip Guards have a shelf life of 12 months from date of manufacture, when stored in original sealed containers, in a cool dry place, away from sunlight and other heat sources. Storage above 25°C can reduce the shelf life.

**HEALTH AND SAFETY**

Refer to the Material safety data sheet before handling this product for health and safety information