



Technical Data Sheet

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for professional use only

Kapci 615 Adplast Plastic Primer

Product description

Kapci 615 Adplast is a 1K primer for plastic. It is used as a direct primer over variety of plastics prior to applying any subsequent coat. The product can be used at temperature above 18°C.

Table below shows the use of Kapci 615 over most common types of plastic used nowadays in the automotive industry.

Type of Plastics	Description	Car part locations ^{a)}	Kapci 615 Plastic Primer
ABS	Acrylonitrile Butadiene Styrene	Door Mirror, Roof Spoiler, Spoilers, Rim Covers (Wheel Covers), Bumpers, Trims	YES
GRP (Fiberglass, UP)	Glass Fiber Reinforced Plastic (based on Polyester Resin)	Bumper, Bonnet, Spoilers, Body	Not required
PP	Polypropylene	Bumpers, Trims, Mirrors, Luggage Floor Boxes, Dashboard, Battery Box	N/A
PP-E	Polypropylene Foam	Luggage Floor Box	YES
PP+E/P	Rubber Denatured Polypropylene	Bumpers, Over Fender	
PP/EPDM	Polypropylene/Ethylene propylene diene	Bumpers	
PP+E/P-TD (HMPP)	Talc field rubber modified polypropylene	Bumpers	

Note: a) The most common locations; N/A- not applicable

Type of Plastics	Description	Car part locations ^{a)}	Kapci 615 Plastic Primer
PP/TD10 (PPF)	Talc field (10%) polypropylene	Trims	YES
PP/TD20 (PPF)	Talc field (20%) polypropylene	Trims, Dashboard	
PP/PC	Polypropylene/Polycarbonate	Bumpers	
PC/PET	Polycarbonate/Polyethylene terephthalate	Outside Door Handle	
TSOP	Toyota Super Olefin Polymer	Bumpers	

Note: a) The most common locations



Surface preparation

When painting plastics, next steps should be followed:



1. Identify the type of plastic;
2. Identify the correct paint system for the type of plastic;
3. The initial clean should be done with soapy warm water followed by rinse and well drying. Light sand the surface with Scotchbrite Ultrafine saturated with soapy water. Clean the surface thoroughly with clean water and allow it to dry. Repeat the process if needed.
4. Once sanded and cleaned, apply anti-static cleaner using lint free cloth. Use another lint free cloth for wipe off. It is essential to ensure that the surface is chemically clean and thoroughly dry before priming. Pre-primed plastic should be sanded with foam backed hand pads P600-P800 before the use of the cleaner.

Application



Kapci 615 is a ready for use product.
Shake can well before use.



Spray gun tips:

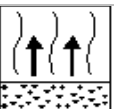
	Spray Nozzle	Inlet pressure	Atomization pressure
Compliant	1.2-1.3 mm	2 bars (26- 29 psi)	
HVLP	1.2-1.3 mm	2 bars (26- 29 psi)	0.7bar (8-10 psi)

Refer to the spray gun manufacturer's recommendation.



Number of coats:

Apply 1 normal coat



Flash off time:

15-20 min/20°C before overcoating

Health and Safety

1. For full Health and Safety information please refer to Material Safety Data Sheet (MSDS).
2. Observe the precautionary notices displayed on the container.
3. Goggles and suitable protective equipment must be worn while using these products.
4. Good ventilation must be provided in the working environment.