

Date of revision : 2/11/2008

Product trade name (s) : 1K Clear Coat Aerosol

Product grope : E3

Part number(s) : 00.805

Label category : E3
 Label size : L20,8 H15
 Expire date : 48 Month
 Storing temp : 0-40°C

Typical Properties

Color / Grade of Gloss Color less / High Gloss

Characteristics

High UV-protection, non-yellowing, lightfast
 High weathering and scratch resistance
 Durable protection against water, oxidation, exhaust fumes
 as well as diluted acids and alkali.

Processing Conditions From +10°C and up to 80% relative air humidity

Drying time :

Dust-dry after approx. 5 -10 min.

Set to touch after approx. 20 - 30 min.

Full hardness after 24 h.

Handling and Application

Directions for use:

All substrates must be clean, dry and free from grease. Shake can vigorously for approx. 3 minutes prior to use. Spraying distance approx. 20 - 30 cm.

Apply several thin layers, with a flash-off period of approx. 3 - 5 minutes between each coating.

After use, turn can upside down and spray until the valve is clean, this prevents the valve from clogging up.

Support tools :

.755	E Cleaner	1L
.806	E3 gel	30g
.303K2	2K Clear Coat Aerosol	400ml.
.805	1K Clear Coat Aerosol	400ml.
.807	E3 Activator spray	150ml
.489	Sanding paper 400 wet	10
.017	Sanding paper 1200 wet	10
.016	Sanding paper 240 dry	10
3012	Spray Disk	10 pcs
.304HB	Carpaint Primer HIGH BUILD Aerosol	400ml.
.804	Wheel filler aerosol	400ml
.151	Sanding sponge	1
.812	Wheel compound	1Kg
.794	Ultra Light metallic	400ml
.795	Light metallic	400ml
.796	Medium coarse metallic	400ml
.797	Coarse metallic	400ml
.798	Dark metallic	400ml
.799	Fine metallic	400ml
.823	Standard metallic	400ml
.824	Mat metallic	400ml
.744	MB Standard Silver	400ml
.824	MB Super Dark Metallic	400ml
1-553	Black Chrome Step 1	400ml
2-554	Black Chrome Step 2	400ml

Safety information:

Only to be used in well ventilated areas. Keep away from sources of ignition, do not smoke, eat or drink.

Keep out of the reach of children. **Caution!** Pressurized container.

Protect from sunlight and do not expose to temperatures exceeding 50°C.

For professional use only. **Caution!** Disposal only in relation to the regulations of the environmental health authorities.

MSDS link : www.hbc-system.com

OEM Homologation

IXTAR, Mercedes, Daimler Chrysler, Ford Motor Company, Honda Motor

Step by Step Instructions for use:



STEP-BY-STEP PROCEDURE FOR THE REPAIR OF: ALUMINIUM WHEELS · SYSTEM E3

1 2 3 4 5 6 7 8 9 10

<p>Procedure for the repair of: LARGE damage / scratches in alloy wheels</p>	Cleanse the wheel <small>E3 cleaner - 755</small>	Cover the tyre or dismount it	Grinding, grain 240	Mix Wheel compound with 2% hardener and apply to the wheel <small>Wheel compound - 958</small>	Level grinding	Apply Wheel filler aerosol in thin layers <small>Wheel filler aerosol - 804</small>	Light grinding	Apply base colour all over <small>Ultra light metal: 794 Light metal: 795 Medium coarse metal: 796 Coarse metal: 797 Dark metal: 798 Blue metal: 799 Standard metal: 803 Mar metal: 804</small>	Apply Clearcoat all over <small>Clearcoat aerosol - 307</small>	
	<p>Procedure for the repair of: SMALL damage / scratches in alloy wheels</p>	Cleanse the wheel <small>E3 cleaner - 755</small>	Cover the tyre or dismount it	Grinding, grain 240	Apply E3 gel and next E3 activator <small>E3 gel - 014 E3 activator - 807</small>	Level grinding	Apply Wheel filler aerosol in thin layers <small>Wheel filler aerosol - 804</small>	Light grinding	Apply base colour all over <small>Ultra light metal: 794 Light metal: 795 Medium coarse metal: 796 Coarse metal: 797 Dark metal: 798 Blue metal: 799 Standard metal: 803 Mar metal: 804</small>	Apply Clearcoat all over <small>Clearcoat aerosol - 307</small>

Technical Manual

Always let the air out of the tyre before repairing the edge of an aluminium rim.

Dismounting of the rim is not necessary but may facilitate the repair, according to the nature of the damage.

- 1) Cover very carefully the tyre on the rim with tape and paper. Alternatively, coat the tyre with water containing detergent, but avoid getting it on the rim.
- 2) First cleanse the damaged area thoroughly with E3 cleaner.
- 3) Then grind to remove the loose flakes of paint and to level the damage. A delta grinding machine (grain 240) may be used with care.
- 4) Cleanse again the damaged area with E3 cleaner.
- 5.A) **Large damages:** Mix Wheel compound with appr. 2% hardener. Apply the filler to the damage and smooth out using the palette knife. Wear protective gloves if you use your finger to smooth the filler. Let it dry for about 7 minutes and then grind the Wheel filler with grain 240. Be very careful if you grind it with a machine! Apply if necessary more Wheel filler as described above and grind again with grain 240. Having rough grinded the Wheel filler, wet grind the damage itself and a large area surrounding the damage with grain 1200. Wipe off with a fluff-free cloth.
- 5.B) **Small damages:** Apply first E3 gel and next E3 activator. Wet grind the damage and a large area surrounding the damage with grain 1200. Wipe off with a fluff-free cloth.
- 6) Apply Wheel filler aerosol in thin layers (a hair dryer may be used to heat between the layers). Apply Wheel filler aerosol until Wheel filler/E3 gel is covered completely.
- 7) Allow Wheel filler aerosol to dry completely for appr. 5-7 minutes and wet grind with wet grinding paper grain 1200.
- 8) Use the colour of the lid to find the right shade of spray colour. Apply the colour in thin layers allow to dry for appr. 5 minutes between each layer. Continue until Wheel filler aerosol is covered completely with color.
- 9) Allow the colour to dry and then apply 2-3 thin layers of Clearcoat. Finish with a thick layer of Clearcoat to make the paint interfluence. Avoid surplus.

TECHNICAL CONSULTATION SERVICE

Our Technical Staff is ready to assist you with any questions. You are invited to take advantage of our extensive experience, laboratory services and trained field service representatives. Call +45 7022 7070 or e-mail to info@hbc-system.com for answers to your questions. Hours of operation are Monday through Thursday 8:00 O until 16:00 pm and on Friday 8:00 am until 14:00

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Users should review the Material Safety Data Sheet (MSDS) and product label for the material to determine possible health hazards, appropriate engineering controls and precautions to be observed in using the material. Copies of the MSDS and product label are available upon request.