PRIMERS

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PRIMERS

ANTICORROSIVE

04384 EPOFAN PRIMER R-EC GRIGIO

04318 FIX-O-DUR EC

05720 MONOPRIMER

EL030 ANTICORROSIVE PRIMER

FOR PLASTICS

04363 UNIVERSAL PLAST

EL010 PLASTIC PRIMER

05781 CLAPRIMER

MAC0 MACROFAN COLOR PLASTIC PRIMER

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PRIMERS – Summarizing table of characteristics

PRODUCT ***Characteristic***	**04384 EPOFAN PRIMER R-EC GRIGIO**	**04318 FIX-O-DUR**	**05720 MONOPRIMER**	**04363 UNIVERSAL PLAST**	**05781 CLARPRIMER**
Recommended film thickness	80-100 microns	10-15 microns	10-20 microns	5-10 microns	5-10 microns
Application under putties	YES	NO	NO	NO	NO
Drying time at 20°C	30’	20’	30’	30-60’	20-30’
Adhesion on	stainless steel, aluminium, zinc coated sheet	stainless steel, aluminium, zinc coated sheet	stainless steel, zinc coated sheet	Plastic	Polypropylene
Recommended use	Cycles with high anticorrosive power and good filling power	Protection of bare metal and puttied parts	For fast cycles	For every kind of plastic, excepting PE	Specific for polypropylene

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04384 EPOFAN PRIMER R-EC GRIGIO

Two-pack primer based on epoxy resins and anticorrosive non-polluting pigments.

Main characteristics

- Suitable as an anticorrosive primer under polyester putties
- Excellent adhesion on stainless steel, aluminium, light alloys, zinc coated sheets, concrete.
- High anti-corrosive power
- Good filling power
- The product may be used without sanding in “wet-on-wet” systems (with 00103 EPOFAN R-EC HARDENER W/W).
- Chromate- and lead-free
- Sealer for thermoplastic enamels

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04384 EPOFAN PRIMER R-EC GRIGIO

Product preparation

		SANDING VERSION		WET-ON-WET	
	MIXING RATIO	**Volume**	**Weight**	**Volume**	**Weight**
	04384 EPOFAN PRIMER R-EC GRIGIO	1000 ml	1000 g	1000 ml	1000 g
A	00305 EPOFAN R-EC Hardener*	500 ml	300 g		
B	00451 EPOFAN R-EC Hardener fast**	500 ml	300 g		
C	00103 EPOFAN R-EC Hardener W/W			500 ml	300 g
	00535 EPOFAN Hardener	250-500 ml	150-300 g	250-500 ml	150-300 g

* For general use, preferably in case of low baking

** in winter you may use the product at temperatures between +5 e +18 °C, thereby penalising a little bit its film elasticity

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04384 EPOFAN PRIMER R-EC GRIGIO

Drying time

a) ***Air drying:*** at not less than 20 °C, sand after 12 - 24 hours;
Low bake**:** at 70 - 80 °C sand after 30 – 40 min., at 50 - 60 °C sand after 60 – 90 min.

b) Wait 2 hours at 10°C, whereas you can sand it after 12 hours, at 10°C.

c) Wait at least 30 – 40 min. at 20 °C before applying the topcoat

Useful recommendations:

- Recommended film thickness: 80-100 microns
- Observe the temperature: when it is lower than 15°C, drying will be compromised.

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04318 FIX-O-DUR EC

Two pack anti-corrosive grey etch primer, free from chromates and lead

Main characteristics

- Excellent adhesion on steel sheets, on aluminium and light alloys, zinc-coated sheets and stainless steel
- Good covering power
- Very high anti-corrosion protection
- Fast drying
- Chromate- and lead-free

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04318 FIX-O-DUR EC

Product preparation

PRODUCT PREPARATION	Volume	Weight
04318 FIX-O-DUR EC	1000 ml	1000 g
00328 FIX-O-DUR EC HARDENER	1000 ml	1000 g

Prepare the mixture in non-metallic containers (polyethylene or glass)

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04318 FIX-O-DUR EC

Drying time

Air drying at 20 °C:

- Dust-free: 8 – 10 min.
- Handling: 20 min.
- Through-drying: 60 min.

Useful recommendations:

- Recommended film thickness: 10-15 microns
- Sanding is not necessary, if you overcoat within a few minutes
- If some hours have passed from the application slightly sand with Scotch Brite Ultrafine before overcoating.

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05720 MONOPRIMER

One-pack grey anti-corrosion primer. Chromate-free.

Main characteristics

- Fast drying
- Excellent adhesion on:
  - Steel
  - Stainless steel
  - Electrolytic galvanised and hot dip zinc-coated steel
- Aluminium and light alloys
- Excellent anti-corrosion protection
- Good weldability (no combustion flame)
- Can be directly overcoated with fillers and topcoats

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05720 MONOPRIMER

Product preparation

MIXING RATIO	Volume/weight
05720 MONOPRIMER	1000 parts
00535 EPOFAN THINNER 00551 LECHLEROID THINNER 00740-1-2-5- REFINISHING THINNER	800-1000 parts

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05720 MONOPRIMER

Drying time

Air drying at 20° C:

- Dust-free: 15 min.
- Tack-free: 20-30 min.
- Through-drying: 24 h

Useful recommendations

- Recommended film thickness: 10-20 micron
- Do not overapply putties, polyester fillers and nitro topcoats
- The product must be kept in plastic sealed cans

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THE POWER TECH SOLUTION - LECHLER

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PW 600 – POWER WIPES AC PRIMER

DESCRIPTION

Single-use wipes free from chromates for the treatment of metal surfaces and its alloys.

USE

Suitable as an anticorrosive treatment on steel, aluminium, galvanised steel sheet of the car field.

Especially recommended in the high efficiency «POWER –TECH» processes in combination with MACROFAN HS GREEN-TECH FILLER.

PW 600 – POWER WIPES AC PRIMER

CHARACTERISTICS

PW600 creates a coating on the metallic surface, which increases the adhesion and the corrosion resistance of the painting process.

Main advantages

- *Ease of use*
- *No pot life*
- *No overspray and no waste*
- *High productivity compared to the processes requiring a primer application*
- *Chrome-free*
- *Very low VOC*

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PW 600 – POWER WIPES AC PRIMER

SUBSTRATE PREPARATION

Sand the surface with suitable grit papers (P120/180) or with finer grit papers (P240/320) if in combination with wet-on-wet processes.

Suitably degrease the surface with anti-silicone thinner 00695 SILICONE REMOVER SLOW.

The surface must be clean and dry before wiping with PW600.

PW 600 – POWER WIPES AC PRIMER

APPLICATION

Pull out only one wipe and wipe the substrate with cross passes, taking care of moistening the surface well.
The surface must be wet for at least one minute.

NOTES:

- The container must be immediately closed to avoid the other wipes dry.
- The colour/aspect change of the metallic surface and its opacification show the correct application.
- It is recommended to use the personal protective equipment such as rubber gloves, glasses and clothing for skin protection.
- Do not put the used wipes in the original pack again, but store them, if still wet, in a container or a plastic bag for a maximum of 12 hours.

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PW 600 – POWER WIPES AC PRIMER

DRYING TIME

Air drying at 20 °C: when the substrate has gone completely matt overapply with the filler within **15-20 min.**

RECOMMENDED OVERCOATING

All 2-pack fillers within our product range, such as MACROFAN HS GREEN TECH FILLER and MACROFAN AP AUTOLEVEL PRIMER.

Do not overapply with polyester fillers, one-pack putties and fillers as well as Energy Spray Line.

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04363 UNIVERSAL PLAST

Universal adhesion primer for plastics

Main characteristics

- Excellent adhesion to plastics
- Easy application
- Safe utilisation
- Easy to use
- High coverage
- Quick drying

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04363 UNIVERSAL PLAST

Product preparation

MIXING RATIO	Volume/weight
04363 UNIVERSAL PLAST	1000 parts
00163 UNIVERSALPLAST HARDENER	500 parts

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04363 UNIVERSAL PLAST

Drying time

Air drying at 20 °C: 30-60 min.

Useful recommendations:

- Recommended film thickness: 5-10 microns
- Unsuitable to be applied on Polyethylene (PE), f. i. on some types of motorcycle tanks.
- For other plastics, not mentioned above, contact our Technical Assistance.
- NOTE: The possible yellowing of the hardener 00163 does not damage the technical characteristics.

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EL010 PLASTIC PRIMER

Universal one-pack primer suitable for plastics, ready for use in an aerosol

Main characteristics

- Easy to use – ready for use (aerosol)
- Excellent adhesion directly to plastics
- Quick drying
- Safe use
- Slightly silver coloured for an easier application

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05781 CLARPRIMER

Single pack colourless primer based on special resins

Main characteristics

It adheres perfectly to polypropylene car components (in practice on almost all bumpers and plastic parts of car manufacturers). It allows all topcoats from the Lechler car refinishing range the adhesion on these parts.

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05781 CLARPRIMER

Product preparation

The product is ready for use.

Useful recommendations:

- Recommended film thickness: 5-10 microns. Too high film thickness of CLARPRIMER can cause poor adhesion when topcoats are applied.
- Unsuitable to be applied on Polyethylene (PE), f. i. on some types of motorcycle tanks.
- For other plastics, not mentioned above, contact our Technical Assistance.
- NOTE: The possible yellowing of the hardener 00163 does not damage the technical characteristics.