

176-72

1K Waterborne Primer Surfacer - Dark Gray, Water Dilutable



A brand of BASF –
We create chemistry

- Application:** Primer Filler (corrosion protector and filler). Barrier primer for TPA (acrylic lacquer). Can be used as guide coat - see relevant TDS for more details.
- Key Features:** Good adhesion on bare metal and galvanized steel. Contains less than 5% organic solvents.
- Remarks:**
- Minimum working temperature is 60°F/15°C.
 - Drying is strongly dependent on temperature, humidity, air circulation and film build.
 - Keep spray gun head under water when the gun is not in use.
 - Use 90-VE to clean sanding residue.
 - Use 700-1 to clean spray gun and tools.
 - Collect left-over paints and waste water, treat them with 700-7 Coagulating Powder and dispose of them according to the relevant technical data sheets.
 - Keep product from freezing (store at temperature 40°F-105°F/5°C-40°C).
 - Shelf life - 18 months.
 - Not suitable for use on flexible plastic parts.
 - Do not apply 176-72 directly over or under peroxide cured body fillers or over acid containing pretreatments.

VOC ready for use 121 g/l 1 lb/gal

1+10 %



Mixing Ratio

100 parts by volume 176-72



Reducer

10 parts by volume 93-E3



Spray viscosity at 68°F / 20°C

DIN 4: 25-35 s

Safety advice:



Materials described are for application by professional trained personnel only using proper equipment. Products may be hazardous and should be used according to label directions and technical data information. Appropriate respiratory protection should be worn at all times while products are in use - read product label and Safety Data Sheet (SDS) for specific details. Statements and methods described are based upon the latest standard of technology known to the manufacturer. Application procedures cited are suggestions only and are not to be interpreted as warranty for events resulting from their use. Dilution ratios are intended to provide maximum performance within the typical Volatile Organic Compound (VOC) restriction for product use. Specific VOC limits need to be referenced to verify local compliance. Altering the solvent or dilution ratio may impact VOC compliance. User is solely responsible to ensure product use and application is in accordance with all applicable regulatory, legislative, and municipal requirements.



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Application:	 Compliant gravity-feed spray gun	 HVLP spray gun
Nozzle pressure		10 psi
Nozzle size		1.6-1.8 mm
Number of spraycoats	2	
Flash-off at 68°F / 20°C	5 min	
	between coats and before drying or until matte	
Film thickness	1.6-2.4 mil	
Application remark	(maximum nozzle pressure of 10 psi)	

	Drying at 68°F / 20°C	2 h at 50% relative humidity
	Drying at 140°F / 60°C	30 min
	Infrared (short wave)	3-5 min
	Infrared (medium wave)	15-20 min

	Sanding manual, dry	360, clean with DI water or 90-VE
	Orbital sanding, dry	400 - 600, clean with DI water or 90-VE

Please note: For automotive refinish, repair instructions of vehicle manufacturers, in particular regarding installed sensor technology, must always be observed in addition to the processing instructions given within this document

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