

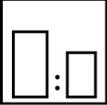
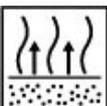
**Intended use**

Mipa P 21 is a laminating resin that cures quickly with the hardener MEKP. In combination with glass fiber mat it is a high performance system to repair easily and quickly larger holes in GRP (fiberglass) parts and car body sheets. Because of its good adhesion on iron and GRP (fiberglass) it can be applied universally. Mipa P 21 PE-resin is therefore perfectly suitable as joining material for both substrates for example when widening wings or assembling other parts.

Tuning or other modifications to vehicles are subject to approval! Also suitable for wooden substrates.

Spreading rate: --

**General informations**

	<b>Colour</b> transparent					
	<b>Mixing ratio</b> <b>Hardener</b> Mipa Hardener MEKP	<b>by weight (lacquer : hardener)</b> 95 : 5	<b>by volume (lacquer : hardener)</b> --			
	<b>Hardener</b> <b>for complete paintwork</b>			<b>for partial paintwork</b>		
	<b>Pot life</b> 10 - 15 min. with Mipa Härter MEKP at 70 °F (20 °C)					
	<b>Thinner</b> --					
	<b>Spray viscosity</b> <b>gravity spray gun</b>			<b>Airmix/Airless</b>		
	<b>Application mode</b> <b>Application mode</b>	<b>Hardener</b>	<b>pressure (bar)</b>	<b>nozzle (mm)</b>	<b>spray passes</b>	<b>dilution (%)</b>
	Brush or roll	MEKP	--	--	--	--
	<b>Flash-off time</b> --					
	<b>Dry coat thickness</b> --					



<b>Drying time</b>	<b>dust dry</b>	<b>set to touch</b>	<b>ready for assembly</b>	<b>sandable</b>	<b>recoatable</b>
<b>object temperature</b> min. 70 °F (20 °C)	–	10 - 15 min.	–	30 - 45 min.	30- 45 min.

**Note**

**Storage:**

In tightly closed original containers at least 1 year shelf life.  
Storage temperature range 50 - 86°F (50 - 30 °C).  
Protect package from direct sunlight and heat.

**VOC Information:**

Less exempt solvents 8 g/l / 0.1 lb/gl.  
With exempt solvents 8 g/l / 0.1 lb/gl.  
Always check local VOC laws to ensure that the use of Mipa products is compliant in your area.

**Processing conditions:**

From +50 °F (10 °C) and up to 80 % relative air humidity.  
Ensure an adequate supply and exhaust air ventilation.  
Polyester-based body filler does not cure anymore at a temperature of below + 50 °F (10 °C).

**General informations:**

The substrate must be clean, dry and free from grease. Sand surfaces slightly. Remove not cured old paintwork and priming coats.

Do not apply on thermoplastic or acid products (etchprimer).

Mix well P 21 material with the hardener.

Clean and degrease the whole surface to be painted before every operation.

De-rust defective spots to bare metal and dry sand with sanding paper P 80 / 150.

Due to the fast oxidizability of steel, aluminium or zinc substrates it is recommended to laminate directly after sanding to ensure an optimum adhesion.

To achieve a smoother surface it is advisable to rework the surface with Mipa P 50 or Mipa universal and light putties.

Attention: A processing temperature below the dew point may cause adhesion problems.

Mipa P 21 is completely cured after approx. 60 minutes at an ambient temperature of 70 °F (20°C).

The curing process can be accelerated through oven drying or infrared lamps.

After drying of P 21, use sanding paper P 80 / 120 for dry sanding.

Tools should be cleaned immediately after use.

**Safety aspect:**

For professional use only. Not for sale to or use by the general public. Before opening the packages be sure you understand the warning Messages on the Labels and Safety Data Sheets of all components since the mixture will have the hazards of all of its parts. The manufacturer recommends the use of an air supplied Respirator when exposed to vapors or spray mist.

**Medical Response:**

Emergency Medical or Spill Control Information 011 49(0)700 24112112 (MIP)  
US Emergency Phone Number (for transportation incidents only) 1-800-535-5053  
(Infotrac)

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