

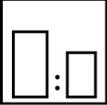
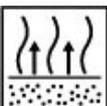
Intended use

High-quality and styrene-free 2-component polyester filler using renewable raw materials for levelling depressions and unevenness in car repairs and in vehicle and mechanical engineering. Very good adhesion to iron, steel, aluminium, GRP, galvanised substrates and wood. Mipa P 19 E is characterised by high filling power and easy sandability.

The proportion of renewable raw materials in the ready-to-use mixture is 7 % when used with Mipa Hardener P.

Spreading rate: --

General informations

	Colour light brown					
	Mixing ratio Hardener Mipa Hardener P	by weight (lacquer : hardener) 100 : 2	by volume (lacquer : hardener) --			
	Hardener for complete paintwork			for partial paintwork		
	Pot life 4 - 6 min with Mipa Hardener P at 70 °C (20 °C)					
	Thinner --					
	Spray viscosity gravity spray gun			Airmix/Airless		
	Application mode Application mode	Hardener	pressure (bar)	nozzle (mm)	spray passes	dilution (%)
	--	--	--	--	--	--
	Flash-off time --					
	Dry coat thickness --					



Drying time

object temperature	dust dry	set to touch	ready for assembly	sandable	recoatable
70 °F (20 °C)	--	--	--	20 min	--
140 °F (60 °C)	--	--	--	10 min	--
IR-Drying	--	--	--	4 - 5 min	--

(distance approx.
80 cm and max.
175 °F)

Note

Storage:

In tightly closed original containers at least 3 years shelf life.
Storage temperature range 50 - 86°F (10 - 30 °C)
Protect package from direct sunlight and heat.

VOC Information:

VOC as packaged:
less exempt solvents 6 g/l / 0,05 lb/gl
with exempt solvents 6 g/l / 0,05 lb/gl

Processing conditions:

from 50 °F (10 °C) and up to 80 % relative air humidity.
Ensure an adequate supply and exhaust air ventilation.
Polyester-based products do not cure perfectly at a temperature of below 50 °F

General informations:

The substrate must be clean, dry and free from grease. Sand the surface slightly. Remove not cured old paint works and priming coats.

Do not apply to thermoplastic or acid products (etch primer).

Mix well the body filler material with the hardener. Do not use more than 3 % of Hardener P! Under- or overdosage of hardener may cause spotting in the finishing paint layer.

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

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

In order to improve the corrosion protection, e. g. when restoring vintage cars, prime with Mipa EP-164 2K Thick Coat Primer (see technical data sheet of Mipa EP 164 2K Thick Coat Primer).

After drying, use sanding paper P 150 / 240 for dry sanding. Sand the entire surface with dry sand paper P 240 / 360 to a matt finish before applying filler.

Body filler can only be dry sanded.

Do not overcoat without having isolated the surface with Mipa 1K or 2K filler.

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)

Exclusive Importer: Mipa USA INC.

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