Mipa Rapidfiller

Technical data sheet

Intended use

Mipa Rapidfiller is a one-component primer with very good filling properties, active corrosion protection and excellent adhesion on iron, steel, zinc and aluminium as well as on recoatable plastics commonly used in the automotive industry (we recommend verifying the recoatability). Apply only on well degreased substrates. Sand slightly zinc and aluminium. Do not apply on thermoplastic substrates. This product cannot be overcoated with polyester spray filler. Overcoatable with solvent-based and water-based 1K and 2K paints. Applicable as primer or filler.

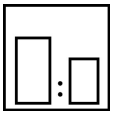
Spreading rate: 5,0 - 7,0 m²/l

Processing instructions



Colour

beige, dark grey (approx. RAL 7011)



Mixing ratio

Hardener	by weight (lacquer : hardener)	by volume (lacquer : hardener)
--	--	--



Hardener

for complete paintwork	for partial paintwork
--	--



Pot life

--



Thinner

10 - 50 % Mipa 2K-Verdünnung kurz V 10

10 - 50 % Mipa 2K-Verdünnung normal V 25

10 - 50 % Mipa Verdünnung UN / UN 21



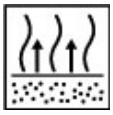
Spray viscosity

gravity spray gun	Airmix/Airless
18 - 22 s 4 mm DIN	40 - 50 s 4 mm DIN



Application mode

Application mode	Hardener	pressure (bar)	nozzle (mm)	spray passes	dilution (%)
gravity spray gun (high pressure)	--	1,6 - 2	1,3 - 1,8	1 - 3	50
Airmix / Airless	--	100 - 120	0,23 - 0,33	1	10 - 20



Flash-off time

5 - 8 min between coats

10 - 15 min before oven drying

Dry coat thickness

10 - 50 µm

This technical data sheet is supplied for informational purposes only! According to our information, all data and recommendations correspond to the state of art and are based on years of experience in manufacturing our products. They do not exempt the user from his obligation to verify professionally, on his own responsibility, the suitability of our products to the intended purpose under prevailing conditions. Safety data sheets and warnings on packaging must be observed. We reserve the right to modify and to complete the information content at any time, without prior notice or obligation to update.

MIPA SE · Am Oberen Moos 1 · D-84051 Essenbach · Tel.: +49 8703 92 20 · Fax: +49 8703 92 21 00 · mipa@mipa-paints.com · www.mipa-paints.com



Drying time

object temperature	dust dry	set to touch	ready for assembly	sandable	recoatable
20 °C	5 - 10 min	20 - 30 min	--	40 - 50 min	40 - 50 min

Note

Storage: at least 2 years in unopened original containers.

VOC Regulation: EU limit value for this product (category B/c): 780 g/l
This product contains max. 709 g/l of VOC.

Processing conditions: from +10 °C and up to 80 % relative humidity. Ensure adequate air ventilation.

Processing instructions: If necessary, Mipa Rapidfiller can be also applied in combination with Mipa Härter WPZ.

The mixing ratio is: Mipa Rapidfiller + Mipa Härter WPZ 2:1 by volume

This mixture is ready for use and there is no need to add any thinner.

Pot life: 12 h at 20 °C

Important note: When using Mipa Rapidfiller in combination with hardener Mipa Härter WPZ, it is not possible to overcoat this surface with epoxy-based or water-based paint systems or with polyester paint materials.

Substrate preparation:

The substrate must be clean and dry.

Remove oil, grease, rust, mill skill, rolling skin as well as other substances impairing the function of the coating!

Remove old coatings or primers that have not cured or are not sound.

Do not use on thermoplastic substrates.

Steel substrates:
1. Pre-clean with Mipa Silikonentferner.
2. Then dry sand with P 120.
3. Afterwards, degrease with Mipa Silikonentferner.

Aluminium substrates + galvanised substrates (strip galvanising / continuous hot-dip galvanising) and electrogalvanising:
1. Pre-clean with Mipa Silikonentferner.
2. Then dry sand with P 220.
3. Afterwards, degrease with Mipa Silikonentferner.

Galvanised substrates (batch galvanising / discontinuous hot-dip galvanising), surface cleansing with the ammonia solution Mipa Zinkreiniger:
1. Mix Mipa Zinkreiniger 1 : 1 with water.
2. Wet sand thoroughly with a corundum synthetic non-woven web to a matt finish.
3. Allow the resulting metallic grey suspension to work for approx. 10 minutes.
4. Sand again.
5. Afterwards, rinse thoroughly with water and allow the surface to dry.

This technical data sheet is supplied for informational purposes only! According to our information, all data and recommendations correspond to the state of art and are based on years of experience in manufacturing our products. They do not exempt the user from his obligation to verify professionally, on his own responsibility, the suitability of our products to the intended purpose under prevailing conditions. Safety data sheets and warnings on packaging must be observed. We reserve the right to modify and to complete the information content at any time, without prior notice or obligation to update.

MIPA SE · Am Oberen Moos 1 · D-84051 Essenbach · Tel.: +49 8703 92 20 · Fax: +49 8703 92 21 00 · mipa@mipa-paints.com · www.mipa-paints.com