

Description

Intended use: Heavy-duty two-component polyurethane acrylic paint to obtain scratch resistant and robust coatings on floor and loading planes as well as highly stressed surfaces of commercial vehicles, construction machines, agricultural vehicles and equipment.

Possible application areas:

- Cabs and van boxes of commercial vehicles
- Floor and loading planes for cargo of commercial vehicles and platforms
- Rims, underbodies and chassis
- Fender, roof rack, spare wheel covers, etc.
- Wheelhouse area
- Ramps, decks of wrecker cranes and trailers
- Boat decks and superstructures of a boat

Beside its extremely high wear resistance, Mipa PU 330-20 provides an excellent resistance to mechanical and chemical stress. Very high vertical stability allows applying extremely high-build coatings.

Specifications:

Binder base:	polyurethane acrylic system
Solid content:	56 - 58% by weight 43 - 45 % by volume
Delivery viscosity (DIN 53 211):	thixotropic
Density (DIN EN ISO 2811):	1.1 - 1.3 kg/l
Gloss level (DIN EN ISO 2813):	matt*

Characteristics:

- highly resistant to UV and weathering
- excellent resistance to impacts and scratches
- high resistance to fuels and oils
- very good water-resistance
- anti-noise effect
- short-term heat exposure: 180 °C
- permanent heat exposure: 150 °C

Spreading rate: 40.2 - 42.2 m²/kg (for 10 µm dry coat thickness)
46.7 - 46.9 m²/l (for 10 µm dry coat thickness)

Storage: In original unopened containers:
storable for at least 3 years

VOC Legislation: EU limit value for this product (cat. A/j): 500 g/l
(cat. B/e): 840 g/l
This product contains at most 500 g/l VOC.

Application

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

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Substrate preparation:

steel: clean, sand slightly if necessary (remove rust and mill scale) and degrease with Mipa Silikonentferner

zinc: clean with ammoniac wetting agent (Mipa Zinkreiniger)

aluminium: clean, sand slightly and degrease with Mipa Silikonentferner

wooden substrates: clean, sand slightly and free from dust

GRP: clean, sand slightly and degrease with Mipa Silikonentferner

sound 2K-resistant old paint work: clean, sand slightly and degrease with Mipa Silikonentferner

Application:	pressure [bar]	nozzle [mm]	number of coats
air / gravity spray gun	2 - 3	2.5 - 3.0	2 - 3
HVLP	2.5 - 3	2.5 - 3.0	2 - 3
UBS-gun	3 - 4	-	2 - 3

Drying	dust dry	set to touch	ready for assembly
Object temperature 20 °C	15 - 20 Min.	3 - 4 h	24 h
Object temperature 60 °C		30 min.	1 - 2 h

Full cure is achieved after 5 - 6 days (20 °C).

Thinner: ready to use without adding any thinner

Hardener: Mipa 2K-Härter H 5, H 10, H 25
Mipa 2K-MS-Härter MS 10, MS 25

Mixing ratio: With **2K-Härter H 5, H 10, H 25, 2K-MS-Härter MS 10, MS 25, MS 40:**
by weight: 4 : 1 (tinter : hardener)
by volume: 3 : 1 (tinter : hardener)

Pot life: 1 - 1.5 h

Application recommendations:

steel, zinc and aluminium:
priming coat: appropriate Mipa 1K and 2K primer (e.g. VB 100-20, Aktivprimer, 2K-Primer CF, PU 100-20, EP 140-30, EP 100-20)
finishing coat: PU 330-20 (coat thickness: 100 - 380 µm)

wooden substrates:
priming coat: EP 140-30, EP 100-20
finishing coats: PU 330-20 (coat thickness: 100 - 380 µm)

GFK, sound 2K-resistant old paint work:
finishing coat: PU 330-20 (coat thickness: 100 - 380 µm)
or with priming coat, if it's necessary to eliminate asperities:
priming coat: suitable Mipa 2K Primer (e.g. PU 100-20, EP 140-30, EP 100-20)

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Special notes

* due to the special surface, a measurement according to DIN EN ISO 2813 is inappropriate!
For professional use only. Special UV-resistant pigmentations (e.g. for open load beds) can be delivered on demand.

Safety advice

Keep out of reach of children. Keep container in a well-ventilated place. Keep away from food, drink and animal feeding stuffs. Keep away from sources of ignition - No smoking. If swallowed, seek medical advice immediately and show this container or label. Use only in well-ventilated areas.

Cleaning of tools

Clean the tools immediately after use with Mipa Nitroverdünnung.

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