

**Technical data sheet**

**Product description**

<b>Intended use :</b>	Mipa Hammerschlag-Effektlack is an air-drying corrosion protection hammer finish effect paint based on alkyd resin for application on to stressed, previously primed surfaces in machine and steel constructions. In case of low stress (doors, frames), this paint can be used as a one-coat system due to the corrosion protection pigments used. Mipa Hammerschlaglack contains silicone oil to create the effect.		
<b>Properties :</b>	<ul style="list-style-type: none"><li>- good hiding power, edge coverage and flow</li><li>- the hammer finish effect allows the visual levelling of unevenness in the substrate</li><li>- uniform hammer finish effect</li><li>- shock and scratch resistant</li><li>- resistant to oils, greases and petrol if temporarily</li></ul>		
<b>Colours :</b>	HK 110 silver grey; HK 150 blue; HK 165 silver black; HK 170 reseda green; HK 180 anthracite		
<b>Specifications :</b>	viscosity: approx. 175 s. 4mm		<b>DIN 53 211</b>
	specific weight: approx. 1,1 g/cm <sup>3</sup>		<b>DIN 51 757</b>
	gloss level: satin gloss		<b>DIN 67 530</b>
<b>Storage :</b>	At least 3 years in unopened original container		
<b>VOC regulation :</b>	EU-limit value for this product (cat. A/i): 600 g/l (2007) / 500 g/l (2010) This product contains at most 450 g/l of VOC		

**Application**

<b>Processing conditions:</b>	From + 10° C and up to 75 % relative humidity
<b>Substrate preparation:</b>	The substrate must be clean, dry, sound, and free from dust, oil, grease, wax and from corrosion. Remove completely damaged, not adherent old paintworks. It is recommended to use a primer that is adapted to the substrate to be coated, e.g. Mipa Metallgrund Premium (for iron and steel) or Mipa Allgrund (additional adhesion promoter also for non-ferrous metals or hard PVC).
<b>Suitable substrates:</b>	Iron, steel, Stahl inside and outside zinc, aluminium and coatable plastics after appropriate priming with Mipa Allgrund
<b>Application methods:</b>	Brushing and rolling with delivered consistence Spraying: depending on the nozzle size used (1,8 – 2,5 mm), the paint needs to be adjusted by thinning
<b>Dilution :</b>	Ready for use when applied by brush and roller Spraying: Mipa Verdünnung UN, UN 21

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.

**Technical data sheet**

**Drying time**  
**(23°C/50 %R.H) :**

Depending on the coat thickness dust dry: 1-2 h; set to touch: overnight  
Oven drying is possible up to 50°C

**Finishing coat :**

Apply Mipa Hammerschlag-Effektlack twice undiluted and quickly brush or roll in one direction. The hammer effect is visible after a short time. To avoid structural defects, do not rework afterwards.

**Spreading rate :**

approx.11 m<sup>2</sup>/ l (for 50 µm dry film thickness)

**Safety advice**

Keep out of the reach of children. Keep away from food, drink and animal feed. Avoid contact with eyes. Wear suitable protective clothing during work. Suitable extinguishing agents are sand, CO<sub>2</sub>, extinguishing powder. Do not use water. If accidentally swallowed, seek medical advice and show this container or label.

**Cleaning of tools**

Clean tools immediately after use and before longer interruption of work with Mipa Nitroverdünnung.

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.