

R4220 LIQUID COATING

High-gloss, scratch-proof, jet-black

- resistant to car-wash brushes
- immediately ready for packing
- immediately ready for further processing

Black high-gloss pillar trims add a touch of perfection to the looks of cars with tinted windows. For coating such trims, Wörwag has developed a variety of products that guarantee flawless leveling and a brilliant, scratch-proof finish. Depending on the substrate and individual requirements, customers can select among liquid paints, powders and film coatings. Across coating methods, our products share two key features: extreme resistance to mechanical force as exerted by car-wash brushes, for example, and energy-efficient application.

FAST FINISH

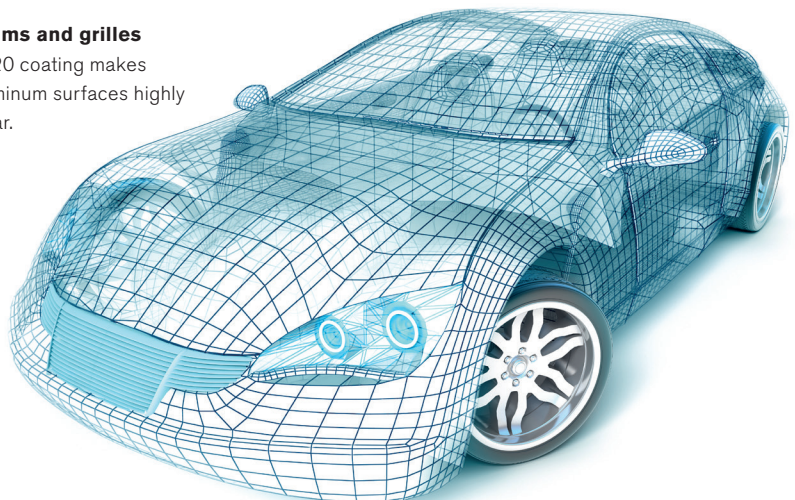
Among our highly scratch-resistant coatings, the new liquid R4220 excels as a multi-purpose

product. R4220 is the right choice not only for coating simple shapes like B-pillar plastic or aluminum trims but also for painting parts that are geometrically more complex such as radiator grilles, or require immediate further processing. As soon as the paint has cured, the substrate can be packed for shipment – without compromising quality.

Automotive customers have tested the durability of our R4220 liquid paint extensively. Result: even after the heaviest weather and car-wash testing, Wörwag's black is black – in high gloss and without the slightest scratch.

High-gloss trims and grilles

Wörwag's R4220 coating makes plastic and aluminum surfaces highly resistant to wear.



TECHNICAL INFORMATION

Base item number KL1416	
hue	<ul style="list-style-type: none">▪ R4220▪ topcoat based on Woeropur-2K-solvent▪ black, high-gloss, highly scratch-resistant▪ mixing ratio 100 : 26 with 57859 hardener
Description	
chemical characterization	acrylic and polyester resins
technical characterization	2P topcoat
Paint characteristics	
VOC (EU)	55 +/- 0.5%
density (theor.)	1.01 +/- 0.04 g/cm ³
dry-film density	1.17 g/cm ³
viscosity supply form	28 to 34
viscosity test method	seconds, 4 mm DIN, 20 °C
conductivity	200 to 250 kOhm
storage temperature	5 to 30 °C
shelf life	6 months
Application	
stirring up	10 minutes with suitable stirrer
thinner	U0040
thinning ratio (grav.)	100 : 5
mixing order	add thinner before hardener
hardener product number	57859
mixing ratio (grav.) for hardener	100 : 26
pot life	1 hour
substrate	cataphoretic paint
pretreatment	wipe with dust-binding cloth
application method	compressed spray painting
- nozzle	1.3 to 1.5 mm
- pressure	4 to 5 bars
flash-off	2 to 3 minutes at room temperature
curing	see <i>additional information</i>
Coating details	
dry-film thickness	45 to 55 µm
test method	inductive
Additional information	
Curing metal substrates: 60 minutes at 100 °C object temperature. A lower curing temperature or duration will reduce the coating's scratch resistance.	