



StoCretec

Building with conscience.

Water-based system solutions for industry

Performing and versatility

Floor coating



Coating for
industrial use

Electrically conductive
coating

Our water-based epoxy resins for industrial applications offer system solutions ranging from simple sealing coats to electrical conductivity coating build-ups. This brochure gives you a comprehensive overview.



Our water-based system solutions

Sealing and coating systems

System	StoFloor Industry WL 100	StoFloor Industry WL 150	StoFloor Industry WL 200	StoFloor Industry WB 100
System build-up				
Primer	StoPox WG 100 or StoPox WL 100	StoPox WG 100 or StoPox WL 150	StoPox WG 100 or StoPox WL 200	StoPox WG 100
Levelling coat (optional)	StoPox WG 100 + StoQuarz	StoPox WG 100 + StoQuarz	StoPox WG 100 + StoQuarz	StoPox WG 100 + StoQuarz
Coating				StoPox WB 100
Sealing coat	StoPox WL 100 ^[1]	StoPox WL 150	StoPox WL 200	StoPox WL 100 ^[1] , StoPox WL 150 ^[2] , or StoPox WL 200 ^[3]
Scattering (optional)	StoChips	StoChips		StoChips
Sealing coat (optional)	StoPox WL 100 transparent ^[1] or StoPox WL 150 transparent ^[2]	StoPox WL 150 transparent		StoPox WL 100 transparent ^[1] or StoPox WL 150 transparent ^[2]
Properties	• Smooth surface • System build-up with slip-resistant surface available	• Smooth surface • System build-up with slip-resistant surface available	• Slip-resistant surface R10	• Smooth surface • Various slip resistance classes can be produced • High temperature resistance against dry heat • System build-up for clean rooms: StoFloor Cleanroom WB 100
Appearance	• Gloss or silk matt appearance • Excellent light fastness when applied in interiors	• Silk matt appearance • Excellent light fastness when applied in interiors	• Silk gloss appearance • Excellent light fastness when applied in interiors	• Gloss, silk matt, or silk gloss appearance • Excellent light fastness when applied in interiors
Colour range	RAL colour fan K 5, StoColor System, NCS	RAL colour fan K 5, StoColor System, NCS	RAL colour fan K 5, StoColor System, NCS	RAL colour fan K 5, StoColor System, NCS
Application	• Floors, walls, and ceilings • Clean rooms • Areas used by trade and the public • Industrial flooring • Rooms in the food-processing industry • For reworking load-bearing existing coatings	• Floors, walls, and ceilings • Areas used by trade and the public • Industrial flooring • For reworking load-bearing existing coatings	• Floors • Areas used by trade and the public • Industrial flooring • For reworking load-bearing existing coatings	• Floors • Clean rooms • Areas used by trade and the public • Industrial flooring
Substrates	• Concrete, also in the case of rising damp • Cementitious screed, also in the case of rising damp • Calcium sulphate screed • Magnesite screed • Load-bearing epoxy resin existing coatings	• Concrete, also in the case of rising damp • Cementitious screed, also in the case of rising damp • Calcium sulphate screed • Magnesite screed • Load-bearing epoxy resin existing coatings	• Concrete, also in the case of rising damp • Cementitious screed, also in the case of rising damp • Calcium sulphate screed • Magnesite screed • Load-bearing epoxy resin existing coatings	• Concrete, also in the case of rising damp • Cementitious screed, also in the case of rising damp • Calcium sulphate screed • Magnesite screed • Load-bearing epoxy resin existing coatings

^[1] Gloss appearance

^[2] Silk matt appearance

^[3] Silk gloss appearance

Our water-based epoxy resins for industrial applications offer system solutions ranging from simple sealing coats to electrical conductivity coating build-ups. The floors not only have to withstand different loads, but also fulfil other functional and even aesthetic requirements, depending on the area of application.

Image on right:
Carl Zeiss, Aalen, DE
StoCretec expertise:
 StoFloor Industry WL 100,
 StoFloor Industry WL 200

Conductive floor coating systems

System	StoFloor ESD WB 110	StoFloor ESD WL 113	StoFloor ESD WL 213
System build-up			
Primer	StoPox WG 100	StoPox WL 113	StoPox WL 213
Levelling coat (optional)	StoPox WG 100 + StoQuarz		
Ground	StoDivers LB 100 and StoDivers LS	StoDivers LB 100 and StoDivers LS	StoDivers LB 100 and StoDivers LS
Conductive layer	StoPox WL 118 or StoPox WL 110		
Coating	StoPox WB 110 ^[2]	StoPox WL 113	StoPox WL 213
Sealing coat (optional)	StoPox WL 113 ^[1] or StoPox WL 213 ^[2]		
Properties	• System resistance <10⁹ ohms • Charging of persons < 100 volt in combination with StoPox WL 113 or StoPox WL 213 • Meets personal protection requirements in combination with StoPox WL 118 • Electrostatic leakage resistance <10⁸ ohms • High temperature resistance against dry heat • System build-up for clean rooms: StoFloor Cleanroom WB 110	• System resistance <10⁹ ohms • Charging of persons <100 volts • Meets personal protection requirements • Electrostatic leakage resistance <10⁸ ohms • Conductivity verified at 12 % relative humidity	• System resistance <10⁹ ohms • Charging of persons <100 volts • Meets personal protection requirements • Electrostatic leakage resistance <10⁸ ohms • Conductivity verified at 12 % relative humidity
Appearance	• Gloss or silk matt appearance • Excellent light fastness when applied in interiors	• Gloss appearance • Excellent light fastness when applied in interiors	• Silk matt appearance • Excellent light fastness when applied in interiors
Colour range	RAL colour fan K 5, StoColor System, NCS, limited selection of colour shades	RAL colour fan K 5, StoColor System, NCS, limited selection of colour shades	RAL colour fan K 5, StoColor System, NCS, limited selection of colour shades
Application	• ESD-protected areas • Server rooms • Clean rooms • Battery rooms • Areas exposed to explosive hazards • Production halls and storage areas for electronic components • Production halls in the automotive industry	• ESD-protected areas • Server rooms • Clean rooms • Battery rooms • Rooms with highly sensitive electronic equipment • Warehouses for combustible materials	• ESD-protected areas • Server rooms • Clean rooms • Battery rooms • Rooms with highly sensitive electronic equipment • Warehouses for combustible materials
Substrates	• Concrete, also in the case of rising damp • Cementitious screed, also in the case of rising damp • Calcium sulphate screed • Magnesite screed	• Concrete, also in the case of rising damp • Cementitious screed, also in the case of rising damp • Calcium sulphate screed • Magnesite screed • Load-bearing existing and new conductive or insulating EP coatings	• Concrete, also in the case of rising damp • Cementitious screed, also in the case of rising damp • Calcium sulphate screed • Magnesite screed • Load-bearing existing and new conductive or insulating EP coatings

^[1] Gloss appearance

^[2] Silk matt appearance



And for good reason

Airless sprayable

Our sealings StoPox WL 100, StoPox WL 150, StoPox WL 113, and StoPox WL 213 can be sprayed airless. On larger surfaces, airless technology saves both time and money.

Water vapour permeable

Calcium sulphate screed, magnesite screed, or concrete in contact with the ground: water vapour permeability prevents the formation of osmotic bubbles on these critical substrates.

Custom colour shades

Our water-based coatings can be tinted in various colours in line with the RAL colour fan, the StoColor System, or NCS, for example. Your chosen colour shade can be mixed in next to no time in Sto's SalesCentres.



KIT Präsidium, Karlsruhe, DE
StoCretec expertise: StoPox WG 100,
StoPox WB 100, StoPox WL 100,
StoPox WL 150 transparent, Sto Ballotini
Photo: Daniel Vieser, Karlsruhe

Properties

- System build-ups tested in accordance with the criteria of the Committee for Health-related Evaluation of Building Products (AgBB) available
- Easy application and tool cleaning
- StoPox WL 100, StoPox WL 150, StoPox WL 113, and StoPox WL 213 save significant time thanks to airless technology
- Floors can be coated without interrupting production
- Coating of critical substrates
- Suitable for rising damp on rear side
- Water vapour diffusion open
- For low and medium levels of exposure to stress
- Wide range of design options when it comes to colours

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