Demmerg
CHEMICALS



ESD & CONDUCTIVE FLOORING

SYSTEMS

Your Sensitive Technology, Secured by Our Expertise

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ESD

APPLICATION AREAS



Electronics Production Lines



Assembly Areas



Data Centers



Laboratories



Hazardous Materials and Chemical Storage Facilities



Operating rooms



Manufacturing Halls



R&D Centers

Where Technology Meets the Floor

In the precision-driven world of modern industry, flooring is not merely a surface we walk on; it is an active component of the production process. However, this advanced technology faces an invisible threat: Electrostatic Discharge (ESD)

What we feel as a simple “shock” in everyday life creates two major hazards in industrial environments:

1-Destructive Damage

Even an imperceptibly small discharge can permanently damage microchips and delicate circuitry, leading to product failures and costly losses.

2-Explosion Risk

In environments containing flammable solvents, gases, dusts, or static electricity, a single spark can trigger a devastating explosion or fire.

DEMMERG CHEMICAL,

Offers high-performance flooring systems designed to eliminate these risks. By safely controlling static charge, we protect your sensitive equipment while maximizing facility safety.

ESD

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A Systematic Approach to Floor Protection

At Demmerg, floor protection is an engineered system composed of layers that work in perfect harmony.
This approach ensures the performance and reliability of your flooring for many years.

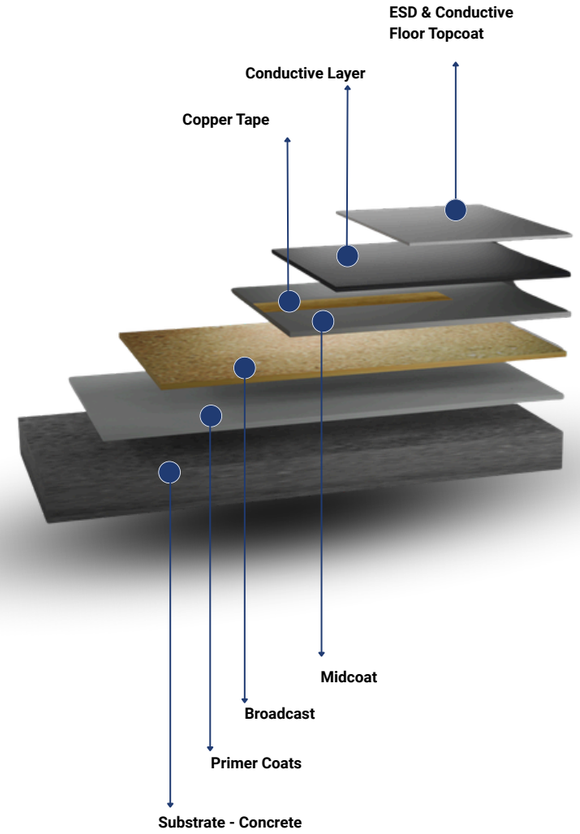
Step 1: Surface Preparation and Primer Application
The system begins with the application of a primer that seals the concrete surface and provides a solid foundation for the subsequent layers.

Step 2: Epoxy Intermediate Filler Stage
Surface leveling prior to the conductive system using a solvent-free epoxy intermediate layer.

Step 3: Formation of the Conductive Plane
The system’s conductive primer creates a network across the entire surface that collects static electricity and directs it safely to the grounding system.

Step 4: High-Performance Functional Coating
Depending on the application area and performance requirements, Self-Leveling, Textured, or Concrete-type topcoats are preferred. Custom-selected ESD or conductive systems provide electrical conductivity to the surface while enhancing mechanical strength, chemical resistance, and aesthetic integrity, ensuring long-lasting performance.

SYSTEM



Solutions	Smooth Surface (Self-Leveling)	Non-Slip Surface (Texture)	Chemical Resistant	Maintenance and Repair
Conductive	DEMCO ® EPOX 2150 SELF		DEMCO ® EPOX 1901 SELF	DEMCO ® EPOX 2150 SELF DEMCO ® EPOX 2155 TOPCOAT
Antistatic (ESD)	DEMCO ® EPOX 2100 SELF	DEMCO ® EPOX 2160 TİX	DEMCO ® PUR 303 CONCRETE NANO WB	



DEMCO ® EPOX 181 PR CONDUCTIVE WB

Water-Based Epoxy Conductive Primer

Water-based, epoxy-based conductive primer is used as a base coat under conductive paints and coatings. It increases the mechanical strength of the substrate and ensures strong adhesion of subsequent layers. It effectively controls static electricity and prevents the accumulation of static charge, ensuring the safety of both equipment and the environment.

Area of Use

- Electronic manufacturing and assembly facilities,
- Data processing and control centers,
- Hospital operating rooms,
- Military and aerospace industry facilities,
- Photography, printmaking and graphic arts studios,
- Clean rooms,
- Industrial areas where there is a risk of explosion or dust.

- Water-based and environmentally friendly.
- High electrical conductivity.
- Excellent Adhesion Strength
- Quick and Easy Application with Roller
- Safe Grounding Layer in ESD Systems
- Compliant with EN 1504-2 Standard.

Scan the QR code for technical documentation.

⚠ The conductor should only be used by experienced professionals.



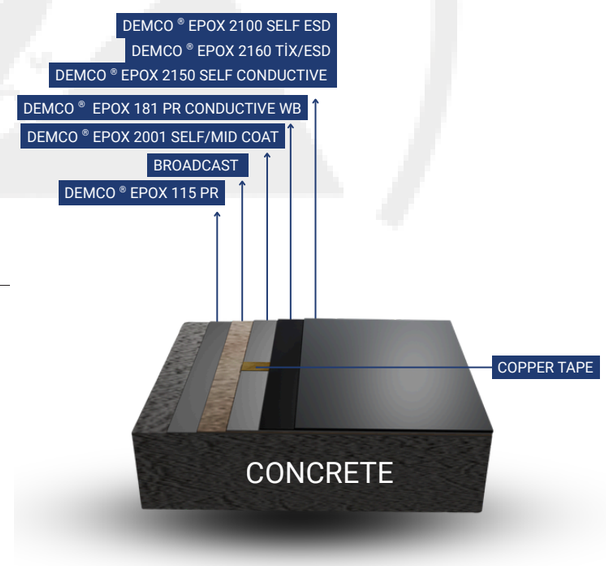
Technical Specifications

Color	Black
Number of Components	2
Mixing Ratio (by weight)	A/B (20/80)
Mixture Density (g/cm³, 20°C) (TS EN ISO 2811-1)	1,04 ± 0,10
Pot Life (min., 23°C, 100 ml) (DIN 16945)	40-60
Mixture Viscosity (mPas 25°C) (EN ISO 3219)	Thixotropic
Touch Dry Time (Hours)	2
Electrical Conductivity Value* (100 V - DIN EN 61340-4-1)	**10^3 Ω – 10^5 Ω**

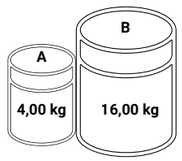
**These values may vary depending on environmental conditions (temperature and humidity) and the equipment used to take the measurements.*

System Components

Materials Used	Purpose of Use	Consumption (kg/m²)
DEMCO ® EPOX 115 PR	Epoxy Primer	0.300–0.400
Master Silis	Filler sand	0.200
Master Silis	Broadcast sand	2.000
DEMCO ® EPOX 2001 SELF/MID COAT	Midcoat	0.500
DEMCO ® EPOX 181 PR CONDUCTIVE WB	Conductive Primer	0.250–0.350



Packaging



Total: 20.00 kg

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DEMCO ® EPOX 195 PR CONDUCTIVE

Solvent-Free Epoxy Conductive Primer

Solvent-free, epoxy-based conductive primer. It is used as a conductive undercoat beneath conductive self-leveling compounds, paints, and coatings. It enhances the strength of the applied surface while ensuring proper adhesion of subsequent layers

Area of Use

- Electronic manufacturing and assembly facilities,
- Data processing and control centers,
- Military and aerospace industry facilities,
- Photography, printmaking and graphic arts studios
- Clean rooms
- Industrial areas with a risk of explosion or dust.

- Solvent-free and environmentally friendly.
- High electrical conductivity.
- Excellent Adhesion Strength and System Compatibility
- Safe Grounding Layer in ESD Systems
- Compliant with EN 1504-2 Standard.

Scan the QR code for technical documentation.

⚠ The conductor should only be used by experienced professionals.



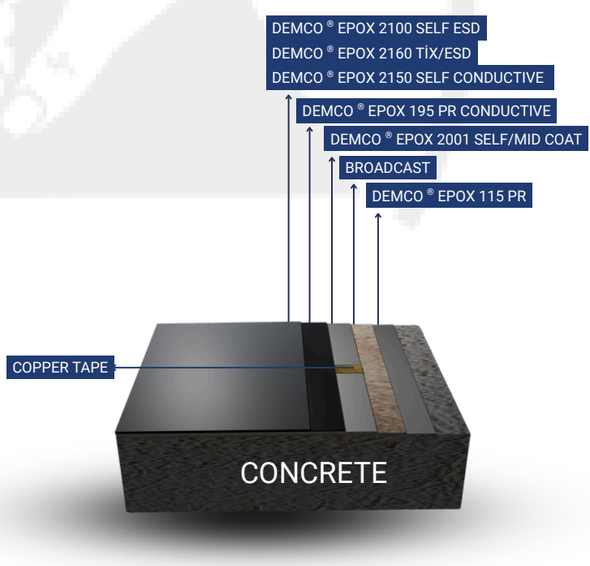
Technical Specifications

Color	Black
Number of Components	2
Mixing Ratio (by weight)	A/B (88/12)
Mixture Density (g/cm³, 20°C) (TS EN ISO 2811-1)	1,40 ± 0,10
Pot Life (min., 23°C, 100 ml) (DIN 16945)	70-120
Mixture Viscosity (mPas 25°C) (EN ISO 3219)	Thixotropic
Touch Dry Time (Hours)	12-16
Electrical Conductivity Value* (100 V - DIN EN 61340-4-1)	**≤ 10^4 Ω**

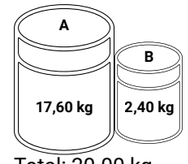
**These values may vary depending on environmental conditions (temperature and humidity) and the equipment used to take the measurements.*

System Components

Materials Used	Purpose of Use	Consumption (kg/m²)
DEMCO ® EPOX 115 PR	Epoxy Primer	0.300–0.400
Master Silis	Filler sand	0.200
Master Silis	Broadcast sand	2.000
DEMCO ® EPOX 2001 SELF/MID COAT	Midcoat	0.500
DEMCO ® EPOX 195 PR CONDUCTIVE	Conductive Primer	0.200–0.300



Packaging



Total: 20.00 kg

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DEMCO ® EPOX 1901 SELF CONDUCTIVE /C

Chemical-Resistant, Conductive, Solvent-Free Epoxy Self-Leveling Floor Coating

It is a chemical-resistant, solvent-free, epoxy-based, conductive, self-leveling floor coating system.

Area of Use

- Areas where food raw materials are produced and stored,
- Soils exposed to high concentrations of organic and inorganic acids,
- Ink and flexible packaging production facilities,
- Areas requiring resistance to bases and solvents.

Solvent-free, low VOC formulation.

High electrical conductivity.

Excellent Adhesion and System Compatibility

Fast drying and easy application.

Long-lasting.

Compliant with EN 1504-2 Standard.

Scan the QR code for technical documentation.

The conductor should only be used by experienced professionals.



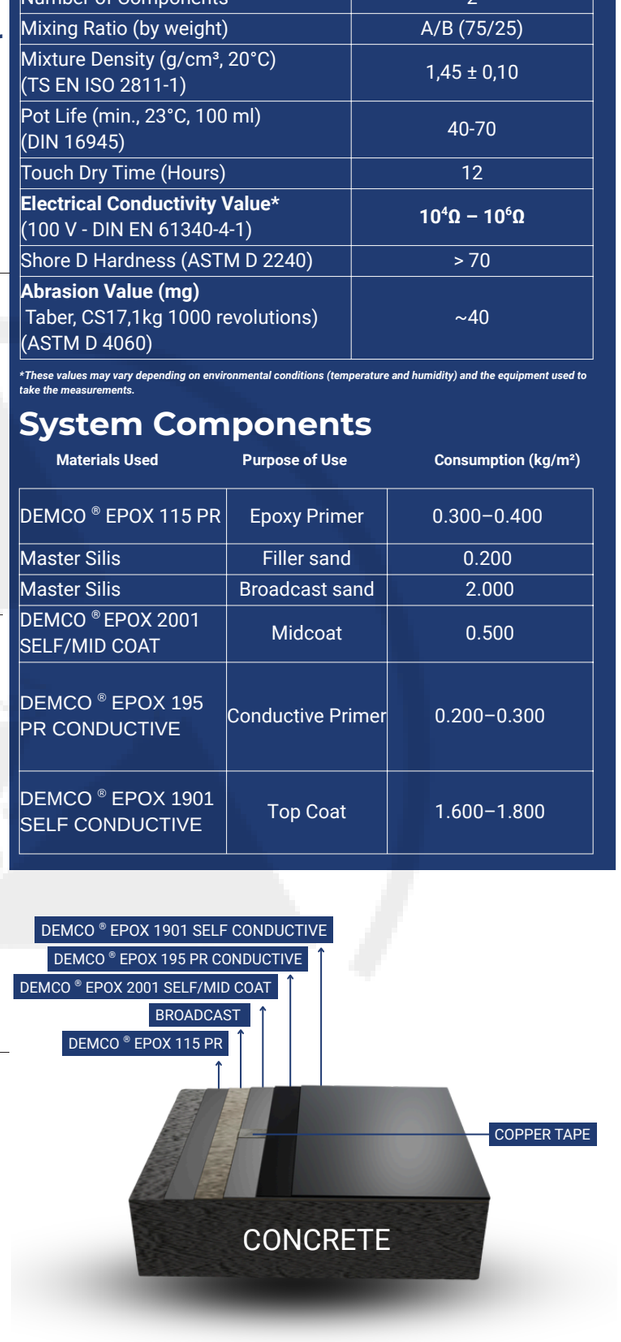
Technical Specifications

Number of Components	2
Mixing Ratio (by weight)	A/B (75/25)
Mixture Density (g/cm³, 20°C) (TS EN ISO 2811-1)	1,45 ± 0,10
Pot Life (min., 23°C, 100 ml) (DIN 16945)	40-70
Touch Dry Time (Hours)	12
Electrical Conductivity Value* (100 V - DIN EN 61340-4-1)	**$10^4\Omega - 10^6\Omega$**
Shore D Hardness (ASTM D 2240)	> 70
Abrasion Value (mg) Taber, CS17,1kg 1000 revolutions) (ASTM D 4060)	~40

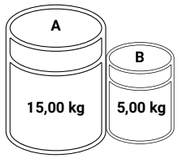
**These values may vary depending on environmental conditions (temperature and humidity) and the equipment used to take the measurements.*

System Components

Materials Used	Purpose of Use	Consumption (kg/m²)
DEMCO ® EPOX 115 PR	Epoxy Primer	0.300–0.400
Master Silis	Filler sand	0.200
Master Silis	Broadcast sand	2.000
DEMCO ® EPOX 2001 SELF/MID COAT	Midcoat	0.500
DEMCO ® EPOX 195 PR CONDUCTIVE	Conductive Primer	0.200–0.300
DEMCO ® EPOX 1901 SELF CONDUCTIVE	Top Coat	1.600–1.800



Packaging



Total: 20.00 kg

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DEMCO ® EPOX 2100 SELF ESD

Epoxy-Based, Self-Leveling Floor Coating (ESD)

It is a solvent-free, self-leveling, epoxy-based, antistatic floor coating material with high mechanical and chemical resistance.

Area of Use

- Floors requiring high mechanical strength and antistatic properties,
- Laboratories related to the healthcare sector,
- Manufacturing areas for electrical and electronic components,
- Test laboratories for electronic components,
- Defense industry facilities,
- Manufacturing and assembly facility for lithium-ion battery packs.

Solvent-free, low VOC formulation.

Antistatic (ESD) Performance

Excellent Adhesion Strength

Fast drying and easy application.

Excellent Adhesion and System Compatibility.

Compliant with EN 1504-2 Standard.

Scan the QR code for technical documentation.

The conductor should only be used by experienced professionals.



Technical Specifications

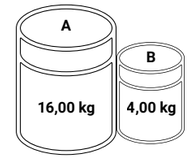
Number of Components	2
Mixing Ratio (by weight)	A/B (80/20)
Mixture Density (g/cm³, 20°C) (TS EN ISO 2811-1)	1,50 ± 0,10
Pot Life (min., 23°C, 100 ml) (DIN 16945)	50-90
Touch Dry Time (Hours)	~12
Electrical Conductivity Value* (100 V - DIN EN 61340-4-1)	**$10^6\ \Omega - 10^9\ \Omega$**
Shore D Hardness (ASTM D 2240)	> 70
Abrasion Value (mg) Taber, CS17, 1kg 1000 revolutions) (ASTM D 4060)	~40

**These values may vary depending on environmental conditions (temperature and humidity) and the equipment used to take the measurements.*

System Components

Materials Used	Purpose of Use	Consumption (kg/m²)
DEMCO ® EPOX 115 PR	Epoxy Primer	0.300–0.400
Master Silis	Filler sand	0.200
Master Silis	Broadcast sand	2.000
DEMCO ® EPOX 2001 SELF/MID COAT	Midcoat	0.500
DEMCO ® EPOX 195 PR CONDUCTIVE	Conductive Primer	0.200–0.300
DEMCO ® EPOX 2100 SELF ESD	Top Coat	1.500–2.000

Packaging



Total: 20.00 kg

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DEMCO ® EPOX 2150 SELF CONDUCTIVE

Epoxy-Based, Highly Conductive Self-Leveling Floor Coating

It is a solvent-free, self-leveling, epoxy-based antistatic floor coating material with high mechanical strength and chemical resistance.

Area of Use

- Floors requiring high mechanical strength and antistatic properties,
- Production and storage areas for explosive and flammable materials,
- Aircraft hangars,
- Automobile factories,
- Laboratories related to the healthcare sector,
- Painting workshops,
- Electrical and electronics laboratories.

Solvent-free, low VOC formulation.

Excellent Adhesion and System Compatibility

Fast drying and easy application.

Chemical Resistant

Compliant with EN 1504-2 Standard.

Scan the QR code for technical documentation.

⚠ The conductor should only be used by experienced professionals.



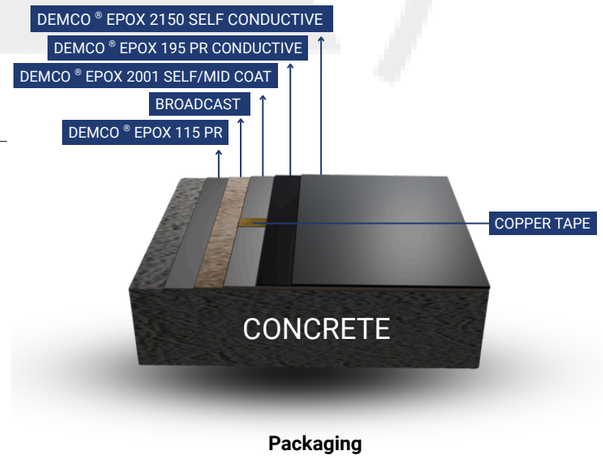
Technical Specifications

Number of Components	2
Mixing Ratio (by weight)	A/B (75/25)
Mixture Density (g/cm³, 20°C) (TS EN ISO 2811-1)	1,45 ± 0,10
Pot Life (min., 23°C, 100 ml) (DIN 16945)	40-70
Touch Dry Time (Hours)	12
Electrical Conductivity Value* (100 V - DIN EN 61340-4-1)	**$10^4\Omega - 10^6\Omega$**
Shore D Hardness (DIN 16945)	~70
Abrasion Value (mg) Taber, CS17, 1kg 1000 revolutions) (ASTM D 4060)	~40

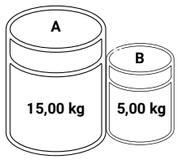
**These values may vary depending on environmental conditions (temperature and humidity) and the equipment used to take the measurements.*

System Components

Materials Used	Purpose of Use	Consumption (kg/m²)
DEMCO ® EPOX 115 PR	Epoxy Primer	0.300–0.400
Master Silis	Filler sand	0.200
Master Silis	Broadcast sand	2.000
DEMCO ® EPOX 2001 SELF/MID COAT	Midcoat	0.500
DEMCO ® EPOX 195 PR CONDUCTIVE	Conductive Primer	0.200–0.300
DEMCO ® EPOX 2150 SELF CONDUCTIVE	Top Coat	1.500–2.000



Packaging



Total: 20.00 kg

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DEMCO ® EPOX 2155 TOP COAT CONDUCTIVE

Solvent-Free Epoxy Conductive Repair and Maintenance Paint

A high mechanical strength and chemically resistant, epoxy-based antistatic floor maintenance and repair material. It is recommended for repairing and maintaining damaged or worn conductive coatings.

Area of Use

- Floors requiring high mechanical strength and conductive properties
- Production and storage areas for explosive or flammable materials
- Aircraft hangars
- Automotive factories
- Painting workshops
- Manufacturing areas for electrical and electronic components
- Testing laboratories for electrical and electronic components

Solvent-free, low VOC formulation.

Excellent Adhesion Strength and System Compatibility

Fast drying and easy application.

Compliant with EN 1504-2 Standard.

Scan the QR code for technical documentation.

⚠ The conductor should only be used by experienced professionals.



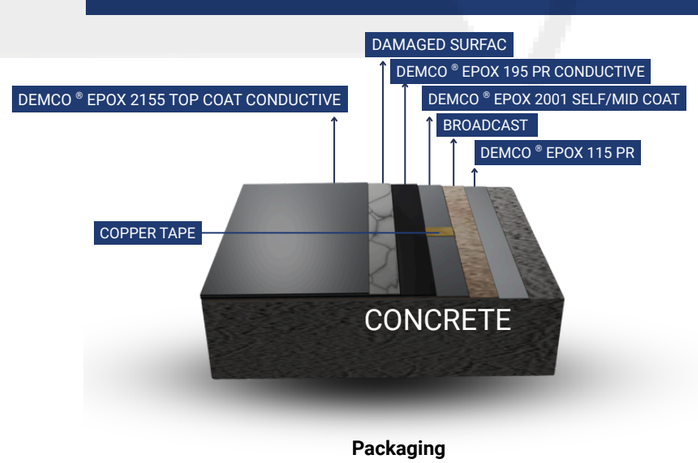
Technical Specifications

Number of Components	2
Mixing Ratio (by weight)	A/B (75/25)
Mixture Density (g/cm³, 20°C) (TS EN ISO 2811-1)	1,75 ± 0,10
Pot Life (min., 23°C, 100 ml) (DIN 16945)	40-80
Touch Dry Time (Hours)	8-10
Electrical Conductivity Value* (100 V - DIN EN 61340-4-1)	**$10^4\Omega - 10^6\Omega$**
Shore D Hardness (DIN 16945)	> 70
Abrasion Value (mg) Taber, CS17,1kg 1000 revolutions) (ASTM D 4060)	~40

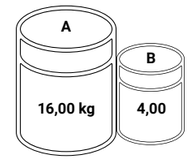
**These values may vary depending on environmental conditions (temperature and humidity) and the equipment used to take the measurements.*

System Components

Materials Used	Purpose of Use	Consumption (kg/m²)
DEMCO ® EPOX 115 PR	Epoxy Primer	0.300–0.400
Master Silis	Filler sand	0.200
Master Silis	Broadcast sand	2.00
DEMCO ® EPOX 2001 SELF/MID COAT	Midcoat	0.500
DEMCO ® EPOX 195 PR CONDUCTIVE	Conductive Primer	0.200–0.300
DEMCO ® EPOX 2150 SELF CONDUCTIVE	Top Coat	1.500–2.000
DEMCO ® EPOX 2155 TOP COAT CONDUCTIVE	Repair Layer	0.400–0.600



Packaging



Total: 20.00 kg

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DEMCO ® EPOX 2160 TIX ESD

Solvent-Free Epoxy-Based Textured Finish Floor Coating (ESD)

A solvent-free, epoxy-based floor coating material with antistatic (semi-conductive) properties and a textured (non-slip) surface.

Area of Use

- Floors requiring high mechanical strength, slip resistance, and antistatic properties,
- Laboratories related to the healthcare sector,
- Manufacturing areas for electrical and electronic components,
- Especially warehouse and storage areas

- Solvent-free, low VOC formulation.
- Antistatic (ESD) Protection
- Excellent Adhesion and System Compatibility
- Non-slip (Texture) Surface
- Compliant with EN 1504-2 Standard.

Scan the QR code for technical documentation.

⚠ The conductor should only be used by experienced professionals.



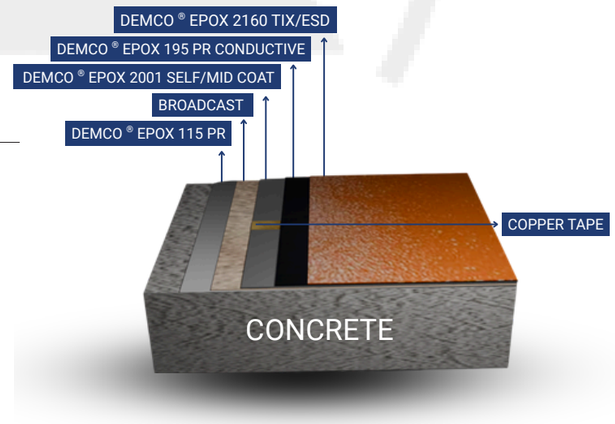
Technical Specifications

Number of Components	2
Mixing Ratio (by weight)	A/B (85/15)
Mixture Density (g/cm³, 20°C) (TS EN ISO 2811-1)	1,7 ± 0,10
Pot Life (min., 23°C, 100 ml) (DIN 16945)	50-90
Touch Dry Time (Hours)	8-10
Electrical Conductivity Value* (100 V - DIN EN 61340-4-1)	**10^6 Ω – 10^9 Ω**
Shore D Hardness (DIN 16945)	> 70
Abrasion Value (mg) Taber, CS17,1kg 1000 revolutions) (ASTM D 4060)	<100

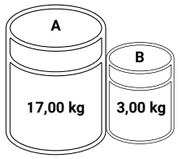
These values may vary depending on environmental conditions (temperature and humidity) and the equipment used to take the measurements.

System Components

Materials Used	Purpose of Use	Consumption (kg/m²)
DEMCO ® EPOX 115 PR	Epoxy Primer	0.300–0.400
Master Silis	Filler sand	0.200
Master Silis	Broadcast sand	2.000
DEMCO ® EPOX 2001 SELF/MID COAT	Midcoat	0.500
DEMCO ® EPOX 195 PR CONDUCTIVE	Conductive Primer	0.200–0.300
DEMCO ® EPOX 2160 TIX / ESD	Top Coat	0.600–0.700



Packaging



Total: 20.00 kg

www.demmerg.com

DEMCO ® PUR 303 CONCRETE NANO ESD WB

Water-based antistatic polyurethane floor coating with high chemical and mechanical resistance.

This is a medium-density, fluid-applied polyurethane floor coating system, designed for maximum resistance to abrasion, chemical exposure, and other physical impacts, suitable for applications requiring an antistatic floor to control static electricity.

Area of Use

- Floors requiring high mechanical strength and antistatic properties,
- Production areas and assembly rooms for electrical and electronic components,
- Production and storage areas for explosive and flammable materials,
- Heavy defense industry production facilities.

- Solvent-free, low VOC formulation.
- Antistatic (ESD) Performance
- Excellent Adhesion Strength
- Fast drying and easy application.
- It does not yellow or fade over time.
- Excellent Adhesion and System Compatibility
- Chemical Resistant
- Compliant with EN 1504-2 Standard.

Scan the QR code for technical documentation.

⚠ The conductor should only be used by experienced professionals.



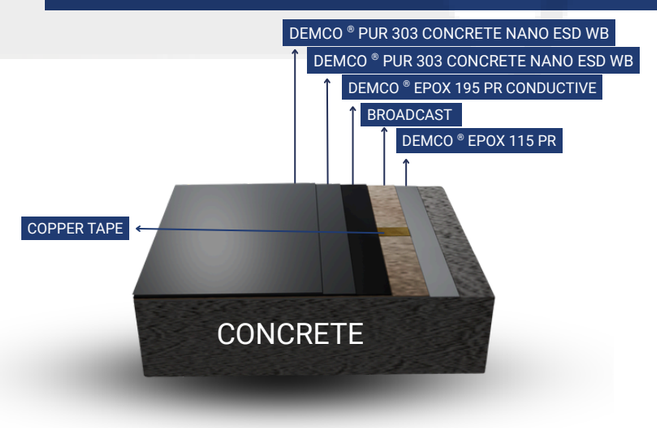
Technical Specifications

Appearance	Gray, Smooth, Matte Surface
Number of Components	3
Mixing Ratio (by weight)	A/B/C (5/5/17)
Mixture Density (g/cm³, 20°C) (TS EN ISO 2811-1)	1,85 - 2
Pot Life (min., 23°C, 100 ml) (DIN 16945)	15-20
Complete Drying (Weeks)	1
Skid / Slip Resistance (EN 16165)	R11
Electrical Conductivity Value* (100 V - DIN EN 61340-4-1)	**10^6 Ω – 10^9 Ω**
Shore D Hardness (DIN 16945)	> 70
Abrasion Value (mg) (Taber, CS17, 1kg 1000 revolutions) (ASTM D 4060)	~35-40

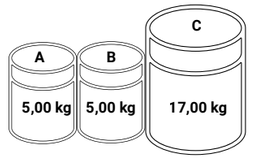
These values may vary depending on environmental conditions (temperature and humidity) and the equipment used to take the measurements.

System Components

Materials Used	Purpose of Use	Consumption (kg/m²)
DEMCO ® EPOX 115 PR	Epoxy Primer	0.300–0.400
Master Silis	Filler sand	0.200
DEMCO ® EPOX 195 PR CONDUCTIVE	Conductive Primer	0.200–0.300
DEMCO ® PUR 303 CONCRETE NANO ESD WB	Scratch Coat	1.600–1.800 (1 mm)
DEMCO ® PUR 303 CONCRETE NANO ESD WB	Top Coat	6.400–7.200 (4 mm)



Packaging



Total: 27.00 kg

www.demmerg.com



ESD & CONDUCTIVE FLOOR TOPCOAT



DEMCO ® EPOX 1901 SELF CONDUVTIVE C
DEMCO ® EPOX 2100 SELF ESD
DEMCO ® EPOX 2150 SELF CONDUCTIVE
DEMCO ® EPOX 2155 TOPCOAT CONDUCTIVE
DEMCO ® EPOX 2160 TIX ESD
DEMCO ® PUR 303 CONCRETE NANO ESD WB

CONDUCTIVE LAYER



DEMCO ® EPOX 181 PR CONDUCTIVE WB
DEMCO ® EPOX 195 PR CONDUCTIVE

MIDCOAT



DEMCO ® EPOX 2001 SELF/MID COAT

BROADCAST



Master Silis

EPOXY PRIMER COATINGS



DEMCO ® EPOX 115 PR
DEMCO ® EPOX 117 PR
DEMCO ® EPOX 118 PR
DEMCO ® EPOX 110 PR
DEMCO ® EPOX 100 PR

ISO 9001:2015 · ISO 14001:2015 · ISO 45001:2018 · ISO 10002:2018

ESD Industrial Flooring Systems

PERFORMANCE, DURABİLİTY, AND AESTHETİCS COMBİNED İN FLOORİNG SOLUTİONS

Demmerg is an engineering-based specialty chemicals brand that delivers high performance, durability, and long service life in industrial flooring systems. Its product range, comprising epoxy, polyurethane, and conductive (ESD) systems, provides superior performance across defense industry facilities, electronics production lines, laboratories, pharmaceutical and food manufacturing areas, as well as heavy industrial structures.

The formulations developed at our R&D center are optimized according to critical parameters such as surface conductivity, chemical resistance, mechanical load capacity, and environmental stability. This ensures that each product delivers maximum performance in both high-precision production environments and demanding industrial conditions.

Demmerg is not just a product supplier; it acts as an integrated engineering solution partner, offering project planning, technical consultancy, and post-application performance monitoring.

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Demmerg Chemical Industry and Trade Inc.
Istanbul Leather Industrial Zone, Sırça
Caddesi, No:6/A, Tuzla – Türkiye