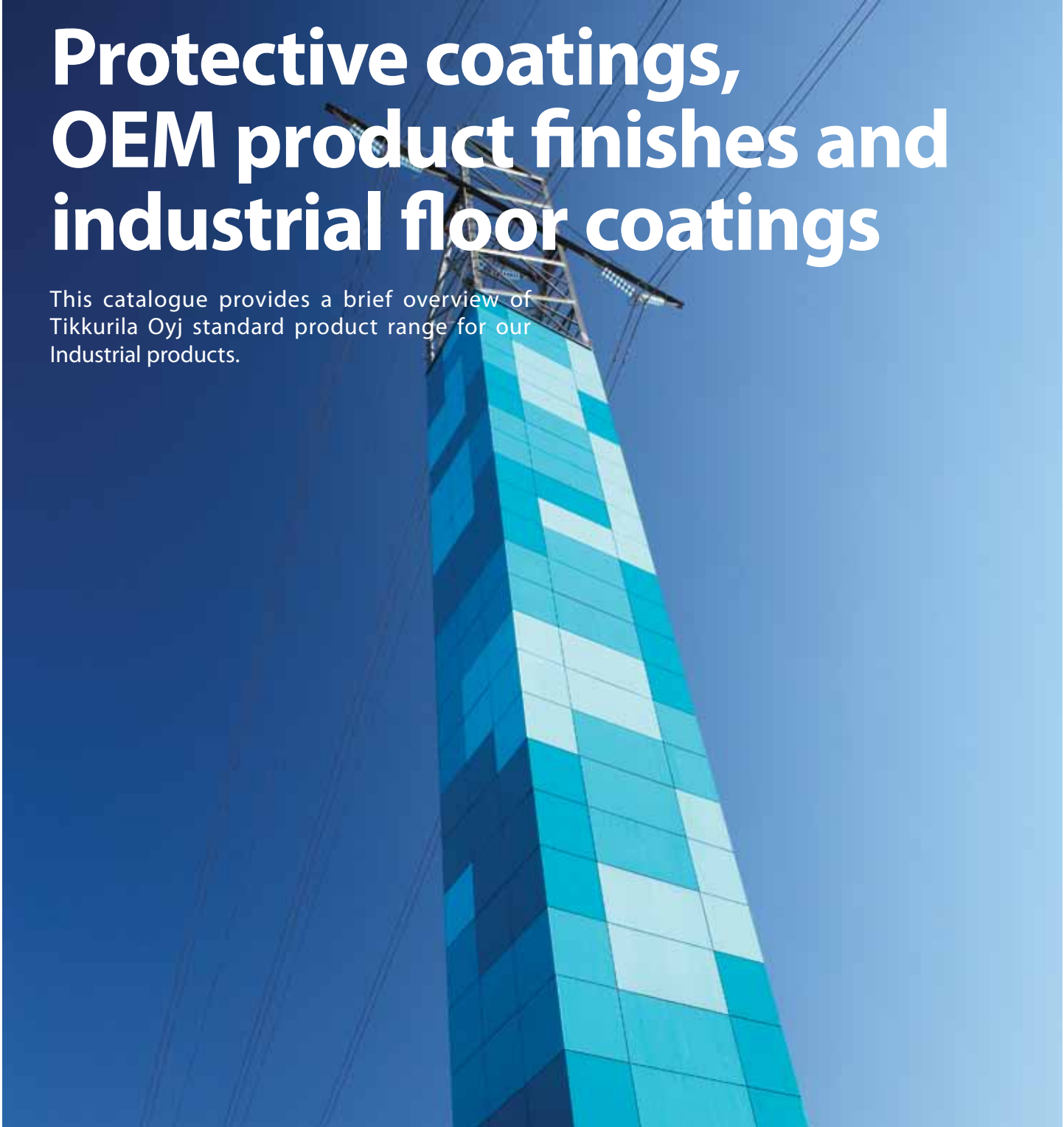


# Protective coatings, OEM product finishes and industrial floor coatings

This catalogue provides a brief overview of Tikkurila Oyj standard product range for our Industrial products.



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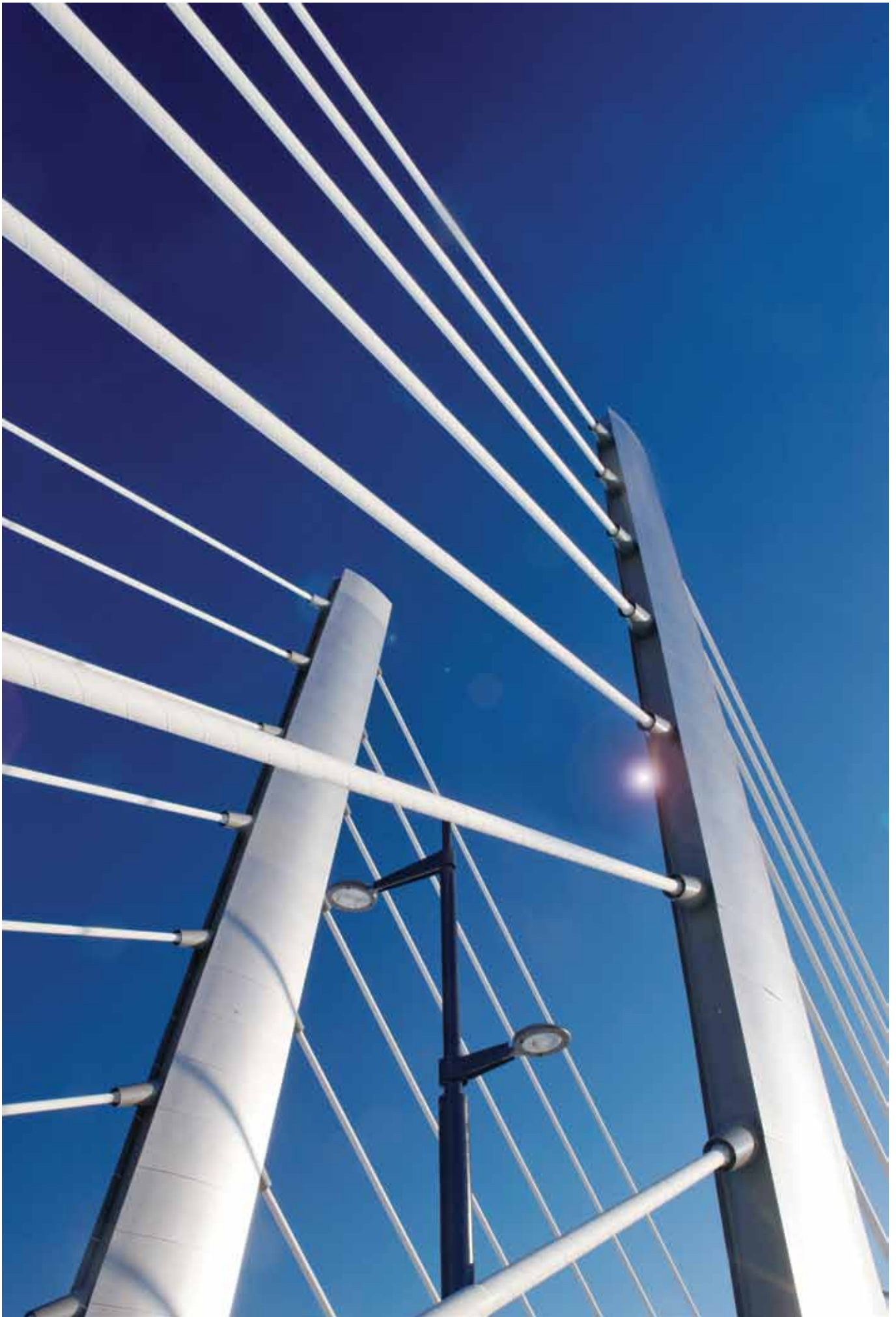
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# Water-borne products

## Fontecryl AP

A water-borne, matt fast-drying acrylic based primer containing active anticorrosive pigments.

Recommended to be used as an anti-corrosive primer on steel, aluminium and zinc surfaces. Overcoatable with a wide range of products, also with solvent-borne products.

**Application by** dipping or spraying

**Colours:** Red, TVT 4004 light grey.

## Fontecryl PP

A water-borne, matt fast-drying acrylic based primer containing active anticorrosive pigments.

Recommended to be used as an anti-corrosive primer on steel. Especially recommended to use as a primer for powder coatings. Overcoatable with a wide range of products, also with solvent-borne products.

**Application by** dipping or conventional spraying.

**Colours:** Grey.

## Fontecryl 25

A water-borne, semi-matt fast-drying acrylic based paint containing active anticorrosive pigments. Suitable for use in product painting in metal industry and painting stations.

Recommended especially as a single-coat paint system for steel structures indoors and outdoors. Recommended for steel frameworks, machinery and equipment.

**Application by** spray, brush or dipping.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Fonte tinting.



## Fontecryl SC 50

A water-borne, one-component fast drying alkyd modified acrylic paint which contains active anticorrosive pigments. Suitable for product painting in metal industry and painting stations. Drying times can be shortened by using higher temperatures.

Recommended especially as a single-coat paint system for steel structures indoors and outdoors. Typical uses are e.g. steel frameworks, machinery and equipment.

**Application by** conventional or airless spray.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Fonte tinting.

### Fontecoat EP 50

A two-component, semi-gloss, water-borne epoxy paint. Used as a topcoat or as a single-coat paint in epoxy systems on steel surfaces. Can also be used as a primer or intermediate coat in epoxy / polyurethane systems. Very good resistance against mechanical and chemical stress.

Recommended for steel framework, service platforms, conveyors and other steelwork, machinery and equipment.

**Application by** airless spray or brush.

**Colours:** Beige. RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Fonte tinting.

### Fontecoat EP 80

A two-component, glossy water-borne epoxy topcoat. Used as a topcoat in epoxy systems for steel surface. Can also be applied onto concrete substrate e.g. walls, plasterboard etc.

Recommended for painting cranes, haulage equipment, electric motors, and similar machines and equipment.

**Application by** airless spray or brush.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Fonte tinting.



### Fontedur HB 80

A two-component, water-borne, high-build, glossy polyurethane topcoat. A durable, easy to clean and non-chalking topcoat with excellent gloss and colour retention. Suitable to be used as a topcoat for epoxy/polyurethane systems on steel surfaces exposed to weathering, abrasion and chemical stress.

Recommended to be used for agricultural and earth moving machinery, steel framework and other steel structures, machinery and equipment.

**Application by** air-assisted airless or conventional spray.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Fonte tinting.



### Fontezinc 85

A two-component, water-borne zinc-rich epoxy paint. Offers cathodic protection for steel. Used as a primer in epoxy, polyurethane and acrylic systems for steel surfaces exposed to severe climatic conditions. Can be used without a topcoat on surfaces exposed to weathering.

Recommended for bridges, cranes and steel frameworks as well as steelwork and equipment in the forest and chemical industries; such as tubular bridges, conveyors etc.

**Application by** airless spray or brush.

**Colours:** Reddish grey.

# Solvent-borne alkyd products

## Temaprime AB

A zinc-phosphate alkyd primer for steel surfaces. Especially suitable for painting on site.

**Application by** spray or by brush.

**Colour:** Grey.

## Temaprime EE

A fast-drying, zinc-phosphate primer with excellent anti-corrosive properties. Also suitable for galvanized and aluminium surfaces. Recommended for interior and exterior surfaces of ships above waterline, storage tank exteriors, agricultural machinery and other surfaces where especially good adhesion and anticorrosive properties are required.

**Application by** airless spray or by brush.

**Colours:** TVT 4000 Red oxide, TVT 4001 grey. Temaspeed Premium tinting.

## Temaprime EUR

A fast-drying, zinc-phosphate alkyd primer for steel surfaces. Economical, and ideal for use in workshops and painting stations with rapid production cycles.

Recommended for steel structures, agricultural, construction and other machinery.

**Application by** airless spray or by brush.

**Colours:** TVT 4000 Red oxide, TVT 4001 grey. Temaspeed Premium tinting.

## Temaprime GF

A fast-drying, zinc-phosphate special primer for steel, aluminium and zinc surfaces, especially for applications with high aesthetic requirements. Overcoatable with polyurethane paints. Recommended as a primer for haulage equipment, agricultural machines, and other machines and equipment. Excellent anti-corrosive properties. Can also be used without any topcoat for steel surfaces in dry indoor areas.

**Application by** airless spray or by brush.

**Colours:** TVT 4004, Light grey. Temaspeed Premium tinting.



### **Temalac AB 70**

A glossy alkyd topcoat for alkyd systems. Especially suitable for on-site painting of bridges, exteriors of storage tanks, steel constructions etc.

**Application by** airless or conventional spray or by brush.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards and also metallic colours. Temaspeed Premium tinting.

### **Temalac AB MIO**

An alkyd intermediate coat containing micaceous iron oxide. Forms a tough and durable film with good intercoat adhesion properties. Used as an intermediate coat in Temalac AB alkyd paint systems.

Recommended for bridges, storage tank exteriors, steel constructions etc.

**Application by** airless or conventional spray.

**Colour:** Grey.

### **Temalac ML 90**

A high-gloss alkyd topcoat. Good gloss and colour retention when exposed to weathering. Can be applied using a “wet-on-wet” painting technique. Used as a semi-fast topcoat in painting stations and for product painting.

Recommended as a topcoat for agricultural equipment, tanks, haulage and transport vehicles, etc.

**Application by** airless spray or by brush.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Premium tinting.

### **Temalac FD 20**

A fast-drying, semi-matt alkyd paint containing zinc-phosphate pigment. Mainly for use as a single-coat system for steel frameworks and structures.

**Application by** airless spray.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Premium tinting.

### **Temalac FD 50**

A fast-drying, semi-gloss alkyd topcoat containing anti-corrosive pigments. Excellent gloss and colour retention when exposed to weathering. Ideal for use in fabricators works and painting stations with rapid production cycles.

Recommended as a topcoat for steel frameworks and structures, service platforms, machines, etc.

**Application by** airless spray.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Premium tinting.

### **Temalac FD 80**

A fast-drying, glossy alkyd topcoat. Excellent gloss and colour retention when exposed to weathering. Ideal for use in assembling shops and painting stations with rapid production cycles.

Recommended as a topcoat for steel structures, service platforms, machines and equipment.

**Application by** airless or conventional spray.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Premium tinting.

### **Temalac SC-F 20 semi-matt**

### **Temalac SC-F 40 semi-gloss**

### **Temalac SC-F 80 gloss**

A high-solids, solvent-borne alkyd paints, containing anti-corrosive pigments. Recommended as a single-coat system for steel surfaces both indoors and outdoors. Can be painted in thick films. Good application properties.

Recommended for steel framework, service platforms and different types of machinery and equipment.

**Application by** airless or conventional spraying.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Premium tinting.



# Solvent-borne epoxy products

## Temacoat GF Primer

A two-component, polyamide cured epoxy primer containing zinc-phosphate. Excellent adhesion to steel, galvanized and aluminium surfaces. Especially for use as a primer or an intermediate coat under a polyurethane topcoat.

Recommended for painting agricultural, transport and haulage equipment etc.

**Application by** airless or conventional spray or by brush.

**Colours:** Temaspeed Premium tinting.

## Temacoat GPL-S Primer

A two-component, polyamide cured, high film build epoxy primer containing zinc-phosphate. Excellent adhesion to steel, galvanized and aluminium surfaces. Used as a primer or an intermediate coat in epoxy and polyurethane systems, also as an intermediate coat on zinc-rich paints. Rapidly recoatable. The product has MED certificate no VTT-C-4031-15-09 and is thus accepted for painting surfaces inside the ships.

Recommended for bridges, haulage equipment, cranes, steel masts, conveyors and other steelwork, machinery and equipment.

**Application by** airless spray or by brush.

**Colours:** TVT 4000 Red oxide, TVT 4001 grey. Temaspeed Premium tinting.

## Temacoat GPL-S MIO

A two-component, polyamide cured epoxy paint containing mica-ceous iron oxide. Forms a very tough and durable film. Used as an intermediate coat in epoxy and polyurethane systems for objects exposed to severe climatic conditions and splashes.

Recommended for bridges, exteriors of tanks, steel frameworks, conveyors, tubular bridges and other steel structures and equipment.

**Application by** airless spray or brush.

**Colours:** TVT 4000 Red oxide, TVT 4001 Grey.



## Temacoat SPA Primer

A two-component, high-solids resin-modified epoxy paint containing anti-corrosive pigments. Suitable for steel, galvanized and aluminium surfaces. Used as a primer or an intermediate coat in epoxy and polyurethane systems, also as an intermediate coat on zinc-rich paints.

Recommended for building frameworks, tubular bridges, conveyors and other steelwork and equipment.

**Application by** airless spray or brush.

**Colours:** TVT 4000 Red oxide, TVT 4001 Grey.

### Temacoat SPA MIO

A two-component, high-solids polyamide-cured epoxy paint, pigmented with micaceous iron oxide, zinc phosphate and aluminium flakes. Good adhesion to steel, zinc and aluminium surfaces. Forms a very strong and durable coat due to the special pigments. Used as a primer or as an intermediate coat in epoxy and polyurethane systems exposed to severe climatic conditions, abrasion, splashes and chemical dust. Can be used as an intermediate coat on zinc-rich epoxy and silicate paints. Low solvent content.

Recommended for exteriors of tanks, tubular bridges, conveyors and other steelwork, machinery and equipment.

**Application by** airless spray or brush.

**Colour:** Grey.

### Temacoat SPA Primer MIO

A two-component, resin-modified epoxy paint containing micaceous iron oxide and aluminium pigments. Good adhesion to steel, zinc and aluminium surfaces. Used as a primer or an intermediate coat on surfaces exposed to climatic, mechanical and chemical stress.

Recommended for building frameworks, tubular bridges, conveyors and other steelwork and equipment.

**Application by** airless spray or brush.

**Colour:** Grey.



### Temacoat GPL

A two-component, amine-adduct cured, glossy epoxy topcoat. Used particularly as a finishing coat in epoxy systems for painting objects exposed to heavy abrasion and chemical attack. Can also be used for painting of concrete floors. Withstands + 150 °C dry heat and + 60 °C in immersion. Withstands immersion in dilute solutions of non-oxidizing acids and bleaching solutions. Withstands chemically active gases and dust. Withstands immersion in mineral/vegetable/animal fats and oils.

Recommended for bridges, tanks and different types of steelwork and equipment in wood processing and chemical industries, such as tubular bridges, conveyors, paper machines etc.

**Application by** airless spray or brush.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Premium tinting.





# Solvent-borne epoxy products

## Temacoat GS 50

A two-component, polyamide-cured, semi-gloss epoxy intermediate and topcoat. High film building properties. Used as a finish or an intermediate coat in epoxy and polyurethane paint systems exposed to abrasion and mechanical and/or chemical stress. Can also be applied direct to zinc and aluminium surfaces. Also suitable as a single-coat system. Dries quickly for overcoating and handling. Especially suitable for painting of steel frameworks, haulage equipment, conveyors, tubular bridges and other steel structures.

**Application by** airless spray or brush.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Premium tinting.

## Temacoat HB 30

A two-component, resin-modified epoxy paint. Suitable for steel, zinc and aluminium surfaces. Used as a primer, intermediate or topcoat for surfaces exposed to climatic, mechanical and chemical stress. Can be used also as a single-coat system.

Recommended for building frameworks, tubular bridges, conveyors and other steelwork and equipment.

**Application by** airless spray or brush.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Premium tinting.

## Temacoat RM 40

A two-component, resin-modified semi-gloss epoxy paint. Suitable as a primer and topcoat for steel, aluminium, galvanized and concrete surfaces exposed to mechanical and chemical wear. Also suitable as a single-coat system.

Recommended for construction frameworks, tubular bridges, ship hulls and other steelwork and equipment. Also suitable for underground and underwater structures.

**Application by** airless spray or brush.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards and also metallic colours. Temaspeed Premium tinting.



## Temacoat SPA 50

A two-component, resin-modified epoxy paint. Suitable for steel, galvanized and aluminium surfaces. Used as a primer, intermediate or top coat on surfaces exposed to climatic, mechanical and chemical stress. Can be used as a single-coat system. Rapidly recoatable and ready to handle.

Recommended for steel frameworks, tubular bridges, conveyors and other steelwork and equipment.

**Application by** airless spray or brush.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Premium tinting.

### **Tematar TFA**

A two-component, modified epoxy paint, coal-tar free. Suitable for steel, galvanized and concrete surfaces exposed to abrasion and chemical attack, especially for underground and underwater structures.

Recommended for sludges and sewage tanks, pontoons, crude oil tanks, etc.

**Application by** airless spray or brush.

**Colour:** Black.

### **Temaline EPL 100**

A two-component epoxy phenolic paint. Resistant to dilute solutions of non-oxidizing acids, alkali and salts in immersion. Suitable for immersion of hot water from 65 °C - 100 °C. Withstands dry heat up to 150 °C, but discolouration possible.

Recommended for tank linings.

**Application by** spray or brush.

**Colour:** White.

### **Temabond ST 200**

A two-component, high-solids aluminium-pigmented modified epoxy paint. Forms a very tough film due to its pigmentation. Can also be used as a single-coat paint. High film building. Also suitable for hand-prepared (St2) steel. Especially used as a primer for steel surfaces difficult to clean in process and chemical industry and in water immersion.

Recommended for repainting and touch-up painting of bridges, cisterns and different types of steelwork and equipment in wood-processing and chemical industry, such as paper machines, conveyors, tubular bridges etc. Recommended for repairing of damages caused by transport or installation.

**Application by** airless or conventional spray or by brush.

**Colour:** Aluminium.

### **Temabond ST 300**

A two-component, high-solids modified epoxy paint. Forms a tight coat with good chemical and abrasion resistance. Can be used as a single-coat paint. Especially used as a primer for steel surfaces difficult to clean in process and chemical industry and in water immersion. Can be painted in thick films also by brush. Very good adhesion to blast cleaned or hand prepared steel. Low solvent content, lower solvent emissions than with traditional epoxy paints.

Recommended for repairing of damages caused by transport or installation. Can also be applied on old alkyd paint surfaces.

**Application by** airless spray or brush.

**Colours:** Temaspeed Premium tinting.



### **Temabond WG 200**

A two-component, at low temperature curing, aluminium pigmented high-solids modified epoxy paint. Excellent adhesion to blast cleaned or hand prepared steel. Good chemical, solvent and abrasion resistance, due to the aluminium pigments. Low solvent content - lower solvent emissions than with traditional epoxy paints. High film build properties, also by brush. Especially used as a primer for steel surfaces difficult to clean in process and chemical industry and in water immersion.

Recommended for repainting and touch-up painting of bridges, cisterns and different types of steelwork and equipment in wood-processing and chemical industry, such as paper machines, conveyors, tubular bridges etc. Recommended for repairing of damages caused by transport or installation. Can also be applied on old alkyd paint surfaces and as a single-coat paint.

**Application by** airless spray or brush.

**Colour:** Aluminium.

### **Temabond WG 300**

A two-component, at low temperatures curing, high-solids modified epoxy paint. Suitable for blast-cleaned or hand-prepared steel providing excellent wetting properties. A low solvent content and thus less VOC emissions than with traditional epoxy paints. High film building properties.

Recommended for ship hulls and ballast tanks, and for different types of steelwork, machinery and equipment in the wood-processing and chemical industry. Recommended for repairing of damages caused by transport or installation and for repainting and touch-up painting of earlier painted surfaces.

**Application by** airless spray or brush.

**Colours:** Temaspeed Premium tinting.

# Solvent-borne polyurethane products

## Temadur Primer

A two-component, matt polyurethane primer containing anti-corrosive pigments, hardener aliphatic isocyanate. Recommended to be used as a primer in polyurethane systems exposed to weathering and/or chemical stress. Excellent weathering and abrasion resistance. Suitable for steel, aluminium and zinc surfaces. Dries fast for overcoating.

Recommended for painting of haulage equipment, storage tank exteriors and other steelwork, machinery and equipment.

**Application by** airless or conventional spray or by brush

**Colour:** TVT 4004 Light grey.

## Temadur 20

A two-component semi-matt polyurethane paint containing anti-corrosive pigments, hardener aliphatic isocyanate. Recommended as a primer in polyurethane systems or as a semi-matt topcoat in epoxy systems exposed to weathering and/or chemical stress. Due to anti-corrosion pigments can also be used as a single-coat system for steel, zinc and aluminium surfaces. The product has MED certificate no VTT-C-4033-15-09 and is thus accepted for painting surfaces inside the ships.

Recommended for painting of transport and haulage equipment, storage tank exteriors, steel framework and other steel structures, machinery and equipment.

**Application by** airless or conventional spray or by brush.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Premium tinting.

## Temadur 50

A two-component, semi-gloss polyurethane paint, hardener aliphatic isocyanate. Excellent weathering and abrasion resistance. A durable, easy to clean and non-chalking topcoat with good gloss and colour retention. Recommended as a semi-gloss topcoat in epoxy and polyurethane systems for painting objects exposed to weathering and chemical stress. The product has MED certificate no VTT-C-4033-15-09 and is thus accepted for painting surfaces inside the ships.



Recommended for painting of transport and haulage equipment, storage tank exteriors, steel framework and other steel structures, machinery and equipment.

**Application by** airless or conventional spray or by brush.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Premium tinting.

## Temadur 90

A two-component, glossy polyurethane paint, hardener aliphatic isocyanate. Excellent weathering and abrasion resistance. A durable, easy to clean and non-chalking topcoat with good gloss and colour retention. Recommended as a glossy topcoat in epoxy and polyurethane systems for painting objects exposed to weathering and chemical stress.

Recommended for painting of transport and haulage equipment, storage tank exteriors, steel framework and other steel structures, machinery and equipment.

**Application by** airless or conventional spray or by brush.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards and also metallic colours. Temaspeed Premium tinting.

### **Temadur Clear**

A two-component, glossy polyurethane lacquer. Excellent weathering and abrasion resistance. Used as a topcoat on polyurethane paint systems. Forms a durable, non-chalking and easy-to-clean finish with good gloss and colour retention. Also suitable for coating of copper, brass, aluminium and zinc surfaces. The product has MED certificate no VTT-C-4028-15-09 and is thus accepted for painting surfaces inside the ships.

**Application by** airless or conventional spray or by brush.

**Colour:** Clear.

### **Temadur HB 50 semi-gloss**

#### **Temadur HB 80 gloss**

A two-component, polyurethane paints containing anticorrosive pigments, hardener aliphatic isocyanate. Excellent weathering and abrasion resistance. A durable, easy to clean and non-chalking topcoat with good gloss and colour retention.

Recommended especially as a single-coat finish for painting agricultural and earth moving machinery and other machinery and equipment. Suitable also as a topcoat in epoxy/polyurethane systems for painting objects exposed to weathering and chemical stress e.g. storage tank exteriors, steel framework and other steel structures.

**Application by** airless or conventional spray or by brush.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Premium tinting.

### **Temadur SC 50 semi-gloss**

#### **Temadur SC-F 80 gloss, fast drying**

#### **Temadur SC 80 gloss**

A two-component, high-solids, polyurethane paints containing anticorrosive pigments, hardener aliphatic isocyanate. High film build properties. Excellent weathering and abrasion resistance. A durable, easy to clean and non-chalking topcoat with good gloss and colour retention.

Recommended especially to be used as a single-coat finish for painting transport equipment and other machinery. Suitable also as a topcoat in epoxy or polyurethane systems for painting objects exposed to weathering and chemical stress e.g. storage tank exteriors, steel framework and other steel structures.

**Application by** airless or conventional spray or by brush.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Premium tinting.

### **Temadur Accelerator**

An accelerator solution to make Temadur polyurethane paints to cure faster.

### **Temadur HF-Extra**

A hammer finish additive. Used in Temadur and Duasolid THL and TML base paints, Temaspeed tinted or untinted, in order to reach a hammer finish. Suitable e.g. for tools, engines and various equipment.

### **Temaclad SC 50**

A two-component, semi-gloss acrylic polyurethane with anticorrosive pigmentation. Hardener aliphatic isocyanate. Suitable for urban, marine and industrial environments.

Recommended to be used as a single-coat finish for steel, aluminium and galvanized surfaces. Also suitable to be used as a topcoat in epoxy/polyurethane systems. Outstanding colour and sheen retention. Tough, durable finish combining abrasion resistance with exceptional weathering properties, water and chemical resistance. Good cleaning properties. Recommended for galvanized sheet metal surfaces, e.g. roof sheeting and cladding.

**Application by** airless or conventional spray (large surfaces) or by brush (small surfaces).

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Premium tinting.



### **Temathane 50 semi-gloss**

#### **Temathane 90 gloss**

A two-component, polyurethane paint, hardener aliphatic isocyanate. Excellent weathering and abrasion resistance. A durable, easy to clean and non-chalking topcoat with good gloss and colour retention.

Recommended to be used as a topcoat for epoxy and polyurethane systems exposed to weathering. Recommended for painting of storage tanks exteriors, steel buildings and other steelwork.

**Application by** airless or conventional spray or by brush.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Premium tinting.

# Other solvent-borne products

## Temasolid SC 60

A two-component, semi-gloss, high-solids polyurea paint, containing anticorrosive pigments. Hardener is an aliphatic isocyanate. Dries quickly at normal room temperature. Drying can be accelerated by increasing the relative air humidity using e.g. humidity control of a ventilation duct. Excellent weathering and abrasion resistance. Forms a durable, easy to clean and non-chalking surface with excellent gloss and colour retention.

Recommended to be used especially as a single-coat finish for agricultural and earth moving machinery and other machinery and equipment.

**Application by** airless or conventional spray.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Premium tinting.

## Temasolid SC-F 80

A two-component, glossy, high-solids polyurea paint, containing anticorrosive pigments. Hardener is an aliphatic isocyanate. Dries very quickly at normal room temperature. Drying can be accelerated by increasing the relative air humidity using e.g. humidity control of a ventilation duct. Excellent weathering and abrasion resistance. Forms a durable, easy to clean and non-chalking surface with excellent gloss and colour retention.

Recommended to be used especially as a single-coat finish for agricultural and earth moving machinery and other machinery and equipment.

**Application by** airless or conventional spray.

**Colours:** RAL, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Premium tinting.



## Duasolid 50

A two-component, oxirane ester paint containing active anti-corrosive pigments. Used as a single-coat or as a topcoat in oxirane ester based systems on steel surfaces exposed to abrasion and chemicals in severe climatic conditions. Excellent durability. High volume solids. High film build properties, up to 100 µm / one coat.

Suitable for earth moving machines, haulage and lifting equipment, forklifts, agricultural machinery, electric appliances, pumps and other steel structures, equipment and machinery.

**Application by** airless, conventional or electrostatic spray.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards and also metallic colours. Temaspeed Premium tinting.

## Temacryl AR 50

A physically drying, one-component semi-gloss acrylic based topcoat. High film build properties. Can be applied at low temperatures. Tolerates temperatures up to + 80 °C dry heat.

Recommended for surfaces exposed to marine or industrial climates and mild chemical stress, such as bridges, cranes, conveyors, harbour equipment and tank exteriors.

**Application by** airless spray or brush.

**Colours:** RAL Classic, RAL Effect, NCS, SSG, BS and SYMPHONY colour cards. Temaspeed Premium tinting.

## Temanyl PVB

A one-component, polyvinyl butyral adhesion primer. An adhesion primer for steel, zinc, stainless steel and aluminium surfaces. Fast drying, can be applied using a "wet-on-wet" painting technique. Can also be used as a primer under powder coatings.

**Application by** airless or conventional spray or dip.

**Colour:** Grey.

## Temazinc 77

A two-component, polyamide cured zinc epoxy paint. Offers cathodic protection for steel. Used as a primer in epoxy, polyurethane, acrylic and chlorinated rubber systems for steel surfaces exposed to severe climatic conditions. Can be used without a topcoat on surfaces exposed to weathering. The zinc content fulfils the requirements of ISO 12944-5.

Recommended for bridges, cranes and steel frameworks as well as steelwork and equipment in the forest and chemical industries, such as tubular bridges, conveyors etc.

**Application by** airless spray or brush.

**Colours:** Grey.

## Temazinc 99

A two-component, polyamide cured zinc-rich epoxy paint. Offers excellent cathodic protection for steel and is approved in NORSOK system. Used as a primer in epoxy, chlorinated-rubber, acrylic and polyurethane systems for steel surfaces exposed to severe climatic conditions. Can be used without a topcoat on surfaces exposed to weathering.

Recommended for bridges, cranes and steel frameworks as well as steelwork and equipment in chemical industries, such as tubular bridges, conveyors etc.

**Application by** airless spray or brush.

**Colour:** Grey.



## Temazinc EE

A one-component, matt zinc dust paint. Offers cathodic protection for steel. Used as a primer for steel surfaces exposed to weathering and chemical stress. Ideal as a touch-up primer on damaged areas of zinc primed steel. Can be used without a topcoat on surfaces exposed to climatic stress.

**Colour:** Grey.

## Temasil 90

A two-component, ethyl silicate zinc-rich paint. Offers cathodic protection for steel. Excellent resistance to abrasion, weathering and high, dry temperature up to + 400 °C. Withstands immersion in oils and various solvents. Separate chemical resistance table available. Can be used as a single-coat or as a primer in protective coating systems.

Recommended for bridges, pipework, heat exchangers and chemical tanks etc.

**Application by** airless or conventional spray or brush.

**Colour:** Greenish grey.

## Temablast EV 110

A two-component, epoxy iron-oxide pigmented shop primer. Used as a preconstruction primer on blast-cleaned steel surfaces. Does not cause any harm during welding, cutting and burning or other treating of the steel. The product complies with Det Norske Veritas "Offshore Standards, Det Norske Veritas" Rules for Classification of Ships and Det Norske Veritas" Type Approval Programme 1-602.2, 1999, Shop Primers for Corrosion Protection of Steel Plates and Sections. The shop primer is approved for application on blast cleaned steel plates and sections.

**Application by** spray.

**Colours:** Red oxide.



# Floor products

## Fontecoat FL 100

A two-component, water-borne epoxy paint. For painting of new, old and earlier painted concrete surfaces. Also suitable for cement, tiles and mineral roofing sheet surfaces.

Recommended for coating of floors exposed to moderate chemical and mechanical stress in industrial facilities, warehouses, repair shops, balconies etc. Can also be applied over asphalt. Also suitable as a floor and wall coating in food industry (BEL 603/98).

**Colours:** Avatint tinting.

## Fontedur FL Matt

A two-component, full-matt water-borne polyurethane top varnish. Suitable to be used as a top varnish for Temafloor epoxy and polyurethane floors.

**Application by** roller.

## Temafloor 25

A one-component, moisture curing clear polyurethane primer.

Recommended for impregnating and varnishing of concrete and other mineral floors. Withstands well abrasion, chemical stress and immersion in water in industrial facilities, warehouses, repair shops etc.

**Colour:** Clear.

## Temafloor 200 Primer

A two-component, solvent-free clear epoxy varnish. Used for impregnating and priming of new and old concrete floors prior to laying Temafloor coatings and screeds. Mixed with sand also suitable for patching of concrete floors.

## Temafloor 210

A two-component solvent-free epoxy varnish. For finishing of concrete floors indoors. Good resistance against abrasion, oils and grease. Also for impregnating and priming of new and old concrete floors prior to laying Temafloor epoxy coatings and screeds; especially where solventless and odourless products are needed. Can be used as a finishing varnish in the Mosaic flooring system. Filled with sand also suitable for patching of concrete floors.

**Colour:** Clear.



## Temafloor 220W Primer

A two-component, solvent-free epoxy varnish. For impregnating and priming of new and old concrete floors prior to laying Temafloor coatings and screeds. Suitable for dust binding and for priming of damp concrete (relative humidity of the concrete over 97 %) surfaces. Good resistance against abrasion, oil and grease.

## Temafloor 400

A two-component, solvent-free epoxy varnish. Used as a binder for Temafloor 4000 grinding screed and epoxy concrete. Suitable for dust binding and priming of new and old concrete floors. Filled with sand also suitable for patching of concrete floors.

**Colour:** Clear.

## Temafloor Fluat

Crystalline, water-soluble, silico fluoride, surface impregnating agent for concrete floors. Suitable for dust binding and surface hardening of unfinished old and new concrete floors. Reacts with calcium carbonate in concrete surface. Does not form any film. Can be coated with Temafloor coatings and screeds if necessary. Recommended for e.g. warehouses and multistorey garages.

### **Temafloor 150**

A two-component, solvent-free epoxy paint. For new and old concrete floors and for surfaces previously treated with concrete paints.

Recommended for floors exposed to moderate chemical and mechanical stress in industrial and storage facilities, repair shops etc. Suitable for coating of asphalt floors, floors of garages, staircases, balconies, washing facilities, cellars etc.

**Colours:** Temaspeed Premium tinting.

### **Temafloor P 300**

A two-component, solvent-free, self-levelling epoxy coating. For new and old concrete floors exposed to heavy mechanical and chemical stress in industrial and storage facilities, repair shops, process or paper machine units and corridors. Withstands water, oil, greases, chemicals and diluted solutions of nonoxidizing acids and bleaching chemicals. Withstands + 70 °C dry heat and + 60 °C in immersion.

**Colours:** Temaspeed Premium tinting and also metallic colours.

### **Temafloor PU**

A two-component, solvent-free, self-levelling polyurethane coating. Good resistance to abrasion. Good impact resistance. Withstands water, oils, greases, chemicals and diluted solutions of non-oxidizing acids and alkali and salt solutions. Withstands + 80 °C dry heat and + 60 °C in immersion. For new and old concrete and asphalt floors exposed to mechanical and chemical stress in industrial and storage facilities, repair shops, process or paper machine units and corridors.

**Colour:** TVT 0229.

### **Temafloor PU-UV**

A two-component, high-solids polyurethane coating. Withstands medium mechanical and chemical stress. Good impact resistance. Self-levelling, to be applied with serrated or steel trowel. Intended as a UV-resistant topcoat on Temafloor PU-floors in parking decks and other areas exposed to direct sunlight.

**Colour:** TVT 0229.

### **Temafloor 3000**

A two-component, solvent-free self-levelling epoxy screed. The screed is prepared on site by adding clean, dry sand to Temafloor P 300 epoxy coating mixture according to directions. Withstands water, oil, greases, chemicals and diluted solutions of non-oxidizing acids and alkali and salt solutions. Withstands + 70 °C dry heat and + 60 °C in immersion. For new and old concrete floors exposed to heavy mechanical and chemical stress in industrial facilities, warehouses and repair shops, process or paper machine units and corridors and other floors subjected to high point loadings.

**Colour:** Temaspeed Premium tinting.

### **Temafloor 4000**

A two-component, solvent-free, non-slip grinding screed is prepared by adding sand to Temafloor 400 epoxy varnish mixture. Withstands heavy wear. Withstands + 110 °C dry heat and + 60 °C in immersion. For new and old concrete floors exposed to heavy mechanical and moderate chemical stress in production facilities, e.g. in wood, chemical and food industries. Due to good impact resistance suitable for e.g. loading platforms, repair shops and market floors.

Recommended also for floors subjected to steam and heat e.g. in institutional kitchens and dairies.

**Colours:** The colour of the screed is determined by the sand used.





# Floor products

## **Temafloor 401**

A two-component, solvent-free epoxy varnish. A low viscosity varnish used as a binder in Temafloor 4000 and Temafloor 4000 ESD grinding screeds.

**Colour:** Yellowish.

## **Temafloor 310 ESD**

A two-component, solvent-borne electrically conductive epoxy primer. Used for priming with Temafloor 4000 ESD grinding screed. Surface-to-ground resistance < 150 kΩ. Porous concrete floor should be primed using thinned Temafloor 200 before coating with Temafloor 310 ESD primer.

**Colour:** Black.

## **Temafloor 4000 ESD**

Solvent-free, non-slip Temafloor 4000 ESD grinding screed is prepared by adding conductive sand mixture to Temafloor 401 epoxy varnish mixture. Forms electrically conductive coating when used with Temafloor 310 ESD primer. High impact and good chemical resistance. Withstands heavy wear. Withstands + 110 °C dry heat and + 60 °C in immersion. Prevents electrostatic discharge damages.

Recommended for places where electric discharge is not desirable e.g. in electronic industry, production and storing of explosive materials and places with higher risks of ignition. Meets the requirements for conductive floor coatings according to IEC-EN 61340-5-1.

**Colours:** The colour of the screed is determined by the sand used.

## **Temafloor Accelerator**

An accelerator solution which makes curing faster. Used to accelerate curing of Temafloor epoxy lacquers. Accelerates curing of solvent free epoxy primers. Shortens potlife of epoxy lacquer mixtures.



### **Temafloor AC102 Primer**

A two-component, solvent-free low viscosity acrylic primer. Used as a primer for Temafloor AC acrylic coatings and grinding screeds. For impregnating of new and old concrete floors prior to laying Temafloor AC coatings and screeds. Cures fast also in low temperatures.

### **Temafloor AC501**

A two-component, solvent-free low viscosity acrylic binder. Used as a binder for Temafloor AC acrylic grinding screed. Suitable to be used as a self-levelling coating and as a binder of a coloured screed. Mixed with sand also suitable for patching of concrete floors. Cures fast also in low temperatures.

Recommended for floors of commercial buildings, storages, laboratories, institutional kitchens and food processing industries.

### **Temafloor AC502**

A two-component, solvent-free, elastic acrylic binder. Used as a binder for Temafloor AC acrylic grinding screed. Suitable to be used as a self-levelling coating and as a binder of a coloured screed. Suitable also for indoor asphalt floors. Mixed with sand also suitable for patching of concrete floors. Cures fast also in low temperatures.

Recommended for floors of engineering workshops, warehouses, cold stores of food industry parking deck surfaces, loading ramps and terraces.

### **Temafloor AC509**

A two-component, solvent-free, low viscosity acrylic binder. Used as a binder for Temafloor AC acrylic grinding screed. Suitable to be used as a self-levelling coating and as a binder of a coloured sand screed. Suitable for outdoor use with low or medium mechanical stress. Suitable to be used for cold storages in temperatures 0 - 10 °C. Cures fast also in low temperatures.

Recommended especially for the floors in food industry.

### **Temafloor AC601**

A two-component, solvent-free acrylic topcoat. Used as a topcoat for Temafloor AC501 and Temafloor AC509 acrylic grinding screeds. Builds up hard and durable surface. Non-yellowing, rapid curing also in low temperatures.

Recommended for floors of commercial buildings, warehouses, laboratories and food processing industries.

### **Temafloor AC602**

A two-component, solvent-free acrylic topcoat. Used as a topcoat for Temafloor AC502 acrylic grinding screed. Forms elastic and durable surface. Non-yellowing, cures at low temperatures.

Recommended for floors of engineering workshops, warehouses, cold stores of food industry, parking deck surfaces, loading ramps and terraces.



### **Temafloor AC609 Clear**

A two-component, solvent-free acrylic topcoat. Used as a topcoat for Temafloor AC509 and Temafloor AC501 acrylic grinding screeds. Not suitable for topcoating of Temafloor AC502 grinding screed. Resistant to hot water and grease up till + 80 °C. Rapid curing also in low temperatures. Suitable for wet premises, especially for food processing industry.



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