

INDUSTRIAL COATINGS FOR METAL SURFACES

Product catalogue 2017–2018



This catalogue provides a brief overview of the Tikkurila standard industrial product range for metal surfaces.

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Solvent-borne alkyd paints

TEMAPRIME – alkyd primers

Temaprime EE

A fast-drying one-component special primer.

- contains zinc phosphate
- excellent anti-corrosive properties
- suitable for galvanized and aluminium surfaces
- can be used without any topcoat for steel structures indoors.

Recommended uses: For storage tank exteriors, agricultural machinery and other surfaces where especially good adhesion and anti-corrosive properties are required.

Volume solids: 47 %

Application: airless spray or brush.

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

Cans: 3l, 10l and 20l

Temaprime EUR

A fast-drying one-component alkyd primer.

- contains zinc phosphate
- economical and ideal for use in workshops and painting stations with rapid production cycles
- can be used without any topcoat for steel indoors
- has MED (Marine Equipment Directive) certificate no VTT-C-11500-15-16.

Recommended uses: For steel structures, agricultural, construction and other machinery.

Volume solids: 51 %

Application: airless spray or brush.

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

Cans: 3l and 20l



Steel structures indoors: Temaprime EUR and Temalac FD 50

Solvent-borne alkyd paints

TEMALAC – alkyd topcoats

Temalac AB 70

A one-component glossy alkyd topcoat.

- good gloss and colour retention also in industrial atmosphere
- ideal for maintenance painting.

Recommended uses: Especially suitable for the on-site painting of bridges, exteriors of storage tanks, steel constructions, etc.

Volume solids: 51 %

Application: airless, conventional spray or brush.

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

Cans: 10l and 20l

Temalac FD 20

A single-coat one-component semi-matt alkyd paint.

- fast-drying paint
- contains zinc phosphate
- good application properties
- ideal for use in workshops and painting stations with rapid production cycles
- can also be used as a primer in alkyd systems.

Recommended uses: Mainly for use as a single-coat system for steel frameworks and structures.

Volume solids: 50 %

Application: airless spray.

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

Cans: 10l and 20l

Temalac FD 50

A one-component semi-gloss alkyd topcoat.

- fast-drying paint
- contains anti-corrosive pigments
- excellent gloss and colour retention
- ideal for use in workshops and painting stations with rapid production cycles
- due to anti-corrosive pigments can also be used as a single-coat system.

Recommended uses: For steel frameworks and structures, service platforms and different types of machinery and equipment.

Volume solids: 47 %

Application: airless spray. Also suitable for electrostatic painting.

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

Cans: 3l, 10l and 20l

Temalac FD 80

A one-component glossy alkyd topcoat.

- fast-drying paint
- excellent gloss and colour retention
- ideal for use in workshops with rapid production cycles and for painting on site.

Recommended uses: As a glossy topcoat for steel structures, service platforms and different types of machinery and equipment.

Volume solids: 45 %

Application: airless or conventional spray. Also suitable for electrostatic painting.

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

Cans: 3l, 10l and 20l



Agricultural equipment: Temalac FD 80

Solvent-borne alkyd paints

TEMALAC – alkyd topcoats

Temalac SC-F 20 semi-matt

Temalac SC-F 40 semi-gloss

Temalac SC-F 80 glossy

High-solids one-component alkyd paints.

- recommended as a single-coat system for steel
- contains anti-corrosive pigments
- fast-drying paints
- good application properties
- high film build, can be painted in thick coats.

Recommended uses: For steel frameworks, service platforms and different types of machinery and equipment.

Volume solids: 61 % (SC-F 20), 61 % (SC-F 40) and 56 % (SC-F 80)

Application: air-assisted airless, heated airless or conventional spray.

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

Cans: 20l

HIGH-SOLIDS
HIGH-BUILD
ALKYD PAINTS

Temalac ML 90

A high-gloss one-component alkyd topcoat.

- excellent gloss and colour retention
- can be applied using the “wet-on-wet” painting technique.

Recommended uses: For agricultural machinery, exteriors of tanks, haulage equipment, transport vehicles and other machinery and equipment.

Volume solids: 45 %

Application: airless spray or brush.

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

Cans: 3l, 10l and 20l



Agricultural machinery: Temaprime EE and Temalac ML 90

Solvent-borne epoxy coatings

TEMACOAT – epoxy primers and intermediates

Temacoat GPL-S Primer

A two-component polyamide-cured epoxy primer.

- contains zinc phosphate
- excellent adhesion to steel, zinc and aluminium surfaces
- rapidly recoatable
- used as a primer or an intermediate coat in epoxy and polyurethane systems, also as an intermediate coat on zinc-rich paints
- has MED (Marine Equipment Directive) certificate No VTT-C-4031-15-09.

Recommended uses: Bridges, haulage equipment, cranes, steel masts, conveyors and other steel structures, machinery and equipment.

Volume solids: 55 %

Application: airless spray or brush.

Colours: TVT 4000 red oxide and TVT 4001 grey or other colours e.g. from Temaspeed Primers colour card. Temaspeed Premium tinting.

Cans: 3l, 10l and 20l

Temacoat EP Primer

A two-component epoxy economical primer.

- good quality/price ratio
- contains zinc phosphate
- good adhesion to steel, zinc and aluminium surfaces
- rapidly recoatable
- used as a primer or an intermediate coat in epoxy and polyurethane systems.

Recommended uses: Bridges, haulage equipment, cranes, steel masts, conveyors and other steel structures, machinery and equipment.

Volume solids: 53 %

Application: airless spray or brush.

Colours: RAL 7035.

Cans: 20l

Temacoat GPL-S MIO

A two-component polyamide-cured epoxy paint.

- pigmented with micaceous iron oxide
- forms a very tough and durable film
- rapidly recoatable
- used as an intermediate coat in epoxy and polyurethane systems for objects exposed to severe climatic conditions and splashes
- can be overcoated after a prolonged period.

Recommended uses: Bridges, exteriors of tanks, steel frameworks, conveyors, tubular bridges and other steel structures and equipment.

Volume solids: 60 %

Application: airless spray or brush.

Colours: red oxide and grey.

Cans: 20l

Temacoat Primer

A two-component high-solids resin-modified epoxy paint.

- contains anti-corrosive pigments, e.g. zinc phosphate
- good adhesion to steel, galvanized and aluminium surfaces
- used as a primer or intermediate coat on surfaces exposed to climatic, mechanical and chemical stress.

Recommended uses: Building frameworks, tubular bridges, conveyors and other steel structures, machinery and equipment.

Volume solids: 72 %

Application: airless spray or brush.

Colours: TVT 4000 red oxide and TVT 4001 grey.

Cans: 20l



HIGH-SOLIDS
EPOXY PAINT

TEMACOAT – epoxy topcoats

Temacoat GPL

A two-component, amine-adduct cured epoxy paint.

- glossy topcoat
- withstands :
 - +150°C dry heat and +60°C in immersion
 - immersion in mineral/vegetable/animal fats and oils
 - immersion in dilute solutions of non-oxidizing acids and bleaching solutions
- used particularly as a finishing coat in epoxy systems for objects exposed to heavy abrasion and chemical attack.

Recommended uses: For bridges, tanks and different types of steelwork and equipment in the wood-processing and chemical industries, such as tubular bridges, conveyors, paper machines, etc.

Volume solids: 55 %

Application: airless spray or brush.

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

Cans: 3l, 10l and 20l

Temacoat GS 50

A two-component polyamide-cured epoxy intermediate and topcoat.

- high film-building properties
- also suitable as a single-coat system
- dries quickly for overcoating and handling
- can also be applied direct to zinc and aluminium
- used as a finish or an intermediate coat in epoxy and polyurethane systems exposed to abrasion and mechanical and/or chemical stress.

Recommended uses: For painting steel frameworks, haulage equipment, conveyors, tubular bridges and other steel structures.

Volume solids: 57 %

Application: airless spray or brush.

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

Cans: 10l and 20l



Interior steel structures: Temacoat GPL

Solvent-borne epoxy coatings

Temacoat RM 40

A two-component, resin-modified epoxy paint.

- excellent resistance to abrasion, chemical and water immersion
- also suitable as a single-coat system
- used as a primer or finish for interior or exterior steel, aluminium and zinc surfaces exposed to mechanical and chemical stress
- also used for underground and underwater structures
- FDA compliant for food contact – U.S. FDA 21 CFR part 175.300.

Recommended uses: For construction frameworks, tubular bridges, ship hulls and other steelwork and equipment.

Volume solids: 67%

Application: airless spray or brush.

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

Cans: 3l, 10l and 20l

Temacoat 50

A two-component, resin-modified epoxy paint.

- good adhesion to steel, zinc and aluminium surfaces
- used as a primer, intermediate or topcoat on surfaces exposed to climatic, mechanical and chemical stress, also for underground and underwater structures
- can be cured at -5°C
- also suitable as a single-coat system.

Recommended uses: For steel frameworks, tubular bridges, conveyors and other steelwork and equipment.

Volume solids: 73 %

Application: airless spray or brush.

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

Cans: 20l

Temacoat SPA 50

A two-component, resin-modified epoxy paint.

- good adhesion to steel, galvanized and aluminium surfaces
- used as a primer, intermediate or topcoat on surfaces exposed to climatic, mechanical and chemical stress
- rapidly recoatable and ready to handle
- also suitable as a single-coat system.

Recommended uses: For steel frameworks, tubular bridges, conveyors and other steelwork and equipment.

Volume solids: 68%

Application: airless spray or brush.

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

Cans: 20l



Steel staircases, interior surfaces: Temacoat RM 40

Solvent-borne surface tolerant coatings

HIGH-SOLIDS
SURFACE-TOLERANT
LOW-SOLVENT
EPOXY PAINTS

TEMABOND – epoxy mastics

Temabond ST 200

A two-component modified epoxy paint.

- contains aluminium pigments
- high-solids paint
- surface-tolerant mastic
- forms a very tight film with good chemical and abrasion resistance
- excellent adhesion even to hand-prepared (St2) surfaces
- high film-building properties, also by brush application
- low solvent content
- can be used as a single-coat paint.

Recommended uses: Especially as a primer for steel surfaces that are difficult to clean in the process and chemical industry and in water immersion, e.g. bridges, cisterns and different types of steelwork and equipment in the wood-processing and chemical industry, such as paper machines, conveyors, tubular bridges, etc. Maintenance paint for repainting or touch-up painting, e.g. damages caused by transportation or installation.

Volume solids: 80 %

Application: airless, conventional spray or brush.

Colour: aluminium.

Cans: 5l and 20l

Temabond ST 300

A two-component modified epoxy paint.

- high-solids paint
- surface-tolerant mastic
- forms a very tight film with good chemical and abrasion resistance
- very good adhesion even to hand-prepared (St2) surfaces
- high film-building properties, also by brush application
- low solvent content, lower solvent emissions than with traditional epoxy paints
- can be used as a single-coat paint.

Recommended uses: Especially as a primer for steel surfaces that are difficult to clean in the process and chemical industry and in water immersion. Maintenance paint for repainting or touch-up painting, e.g. damages caused by transportation or installation.

Volume solids: 80 %

Application: airless spray or brush.

Colours: Temaspeed Premium tinting.

Cans: 20l



Mining structures: Temabond ST 200 and Temadur 50

Solvent-borne tank coatings

Temaline EPL 100

A two-component epoxy-phenolic paint.

- resistant to dilute solutions of non-oxidizing acids, alkali and salts in immersion
- resistant to fuels and chemicals (see separate list)
- suitable for immersion in hot water from +65°C to +90°C
- withstands dry heat up to +150°C.

Recommended uses: For tank linings.

Volume solids: 72%

Application: spray or brush.

Colour: white.

Cans: 20l

CHEMICAL-
RESISTANT
EPOXY PAINTS

Temaline TL

A two-component solvent-free epoxy coating.

- good resistance to dilute solutions of non-oxidizing acids, alkali and salts in immersion
- used as a heavy-duty coating on steel surfaces exposed to abrasion and chemical and mechanical stress in immersion
- resistant to chemicals (see separate list)
- suitable for coating lead-free gasoline tanks.

Recommended uses: For oil storage tanks, cisterns and basins in the forest industry, chemical industry and sewage purification plants, etc.

Volume solids: 100%

Application: with a dual-feed hot airless spray equipment.

Colour: grey.

Cans: 20l



Chemical tanks, interior surfaces: Temaline EPL 100

Solvent-borne polyurethane coatings

TEMADUR – polyurethane paints

Temadur 10 matt

Temadur 20 semi-matt

A two-component polyurethane paints.

- contains anti-corrosive pigments
- hardener aliphatic isocyanate
- matt and semi-matt gloss
- excellent weathering and abrasion resistance
- suitable as a primer in polyurethane systems or as a matt/semi-matt topcoat in epoxy systems exposed to weathering and/or chemical stress
- can be applied as a single-coat system for steel, zinc and aluminium surfaces
- MED (Marine Equipment Directive) certified
- FDA compliant for food contact – U.S. FDA 21 CFR part 175.300

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

Volume solids: 54 % (10), 57 % (20)

Application: airless, conventional spray or brush.

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

Cans: 3l and 10l

Temadur 50 semi-gloss

Temadur 90 glossy

Two-component polyurethane paints.

- hardener aliphatic isocyanate
- excellent weathering and abrasion resistance
- forms a durable, easy-to-clean and non-chalking surface
- good gloss and colour retention
- suitable as a topcoat in epoxy and polyurethane systems for objects exposed to weathering and chemical stress
- Temadur 50 has MED (Marine Equipment Directive) certificate No VTT-C-4033-15-09
- FDA compliant for food contact – U.S. FDA 21 CFR part 175.300

Recommended uses: For painting transport and haulage equipment, storage tank exteriors, steel framework and other steel structures, machinery and equipment, etc.

Volume solids: 56 % (50), 55 % (90)

Application: airless, conventional spray or brush.

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

Cans: 3l and 10l



Heavy-duty machines: Temadur SC-F 80

Solvent-borne polyurethane coatings

Temadur SC-F 20 semi-matt
Temadur SC-F 50 semi-gloss
Temadur SC-F 80 glossy

Two-component fast-drying polyurethane paints.

- hardener aliphatic isocyanate
- contains anti-corrosive pigments
- excellent weathering and abrasion resistance
- forms a durable, easy-to-clean and non-chalking surface
- good gloss and colour retention
- suitable as a topcoat in epoxy and polyurethane systems exposed to weathering and chemical stress, e.g. storage tank exteriors, steel framework and other steel structures.

Recommended uses: Especially as a single-coat finish for agricultural, heavy-duty, e.g. earth-moving machinery or other machinery and equipment.

Volume solids: 60 % (SC-F 20), 63 % (SC-F 50) and 65 % (SC-F 80)

Application: airless or conventional spray.

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

Cans: 10l

FAST-DRYING
HIGH-BUILD
POLYURETHANE
PAINTS

Temadur HS 90

A two-component high-solid high gloss polyurethane coating.

- excellent weathering and abrasion resistance
- durable, easy to clean and non-chalking topcoat
- excellent gloss and color retention
- lower VOC content compare to conventional polyurethane finishes.

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

Volume solids: 60 %

Application: airless, conventional spray or brush.

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

Cans: TAL: 3L, 10L and 20L; TCL: 3L, 10L, 20L and 200L



Agricultural machines and equipment: Temadur HS 90

Solvent-borne polyurethane coatings

TEMADUR – polyurethane varnish

Temadur Clear

A two-component glossy polyurethane varnish.

- excellent weathering and abrasion resistance
- forms a durable, easy-to-clean, non-chalking surface
- good gloss and colour retention
- suitable as a finishing lacquer in polyurethane systems
- also suitable for coating copper, brass, aluminium and zinc surfaces
- has MED (Marine Equipment Directive) certificate No VTT-C-4028-15-09.

Recommended uses: For painting storage tanks exteriors, steel buildings and other steelwork.

Volume solids: 43 %

Application: airless, conventional spray or brush.

Colour: clear.

Cans: 10l

TEMADUR – additives

Temadur Accelerator

An accelerator solution to make Temadur 20, 50 and 90 polyurethane paints and Temadur Clear varnish cure faster.

Cans: 1l and 10l

Temadur AG Extra

An anti-graffiti additive.

- helps to remove graffiti paint and also other
- weakens the adhesion of stickers to the surface.

Recommended uses: For two-component polyurethane paints and varnish. For industrial use only according to Directive 1999/13/EC.

Cans: 3L, 10L



Agricultural machinery: Temadur 20 and Temadur Clear

Solvent-borne polyurethane coatings

TEMATHANE & TEMACLAD – polyurethane paints

Temathane PC 50

A two-component semi-gloss polyurethane paint.

- high-solid content
- hardener aliphatic isocyanate
- superior weathering and abrasion resistance
- forms a durable, easy-to-clean and non-chalking surface
- excellent gloss and colour retention
- suitable as a semi-gloss topcoat in epoxy and polyurethane systems exposed to weathering.

Recommended uses: For painting storage tank exteriors, steel buildings and other steelwork.

Volume solids: 65 %

Application: airless, conventional spray or brush.

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

Cans: 10l

Temathane PC 80

A two-component glossy polyurethane paint.

- high-solid content
- hardener aliphatic isocyanate
- superior weathering and abrasion resistance
- forms a durable, easy-to-clean and non-chalking surface
- excellent gloss and colour retention
- suitable as a glossy topcoat in epoxy and polyurethane systems exposed to weathering .

Recommended uses: For painting storage tank exteriors, steel buildings and other steelwork.

Volume solids: 66 %

Application: airless, conventional spray or brush.

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

Cans: 10l



Gas pumps and pipelines: Temabond ST 200 and Temathane 50

Solvent-borne polyurethane coatings

Temathane 50

A two-component semi-gloss polyurethane paint.

- hardener aliphatic isocyanate
- excellent weathering and abrasion resistance
- forms a durable, easy-to-clean and non-chalking surface
- good gloss and colour retention
- suitable as a semi-gloss topcoat in epoxy and polyurethane systems exposed to weathering

Recommended uses: For painting storage tank exteriors, steel buildings and other steelwork.

Volume solids: 55 %

Application: airless, conventional spray or brush.

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

Cans: 10l

Temaclad SC 50

A two-component semi-gloss acrylic polyurethane paint.

- hardener aliphatic isocyanate
- contains anti-corrosive pigments
- outstanding colour and gloss retention
- forms a tough and abrasion-resistant finish
- good cleaning properties
- used as a single-coat finish for steel, aluminium and galvanized surfaces
- also suitable as a topcoat in epoxy and polyurethane systems.

Recommended uses: For galvanized sheet-metal surfaces, e.g. roof sheeting and cladding.

Volume solids: 55 %

Application: airless, conventional spray (large areas) or brush (small areas).

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

Cans: 10l



IDEAL FOR
PAINTING ROOFS

Roofs, steel surfaces: Temaclad SC 50

Other solvent-borne coatings

DUASOLID – oxirane-ester paint

Duasolid 50

A two-component oxirane-ester paint.

- contains active anti-corrosive pigments
- very good durability
- high-solid content
- gloss varies depending on the hardener used
- high film-building properties, up to 100µm / one coat
- used as a single-coat paint or as a topcoat in oxirane-ester based systems on steel surfaces exposed to abrasion and chemicals in severe climatic conditions.

HIGH-SOLIDS
HIGH-BUILD
OXIRANE-ESTER
PAINTS

Recommended uses: For earth-moving machines, haulage and lifting equipment, forklifts, agricultural machinery, electric appliances, pumps and other steel structures, equipment and machinery.

Volume solids: 65 %

Application: airless, conventional or electrostatic spray.

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

Cans: 10l



Impact crusher: Duasolid 50

Other solvent-borne coatings

Other TEMA products

Temacryl AR 50

A physically drying, one-component semi-gloss acrylic-based topcoat.

- high film-building properties
- can be applied at low temperatures
- tolerates temperatures up to +80°C dry heat.

Recommended uses: For surfaces exposed to marine or industrial climate conditions and mild chemical stress, such as bridges, cranes, conveyors, harbour equipment and tank exteriors.

Volume solids: 40 %

Application: airless or brush.

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

Cans: 10l

Temacryl EA 50

A two-component, non-isocyanate acrylic finish.

- excellent weathering and abrasion resistance
- forms durable, non-chalking and easy to clean topcoat
- good gloss and colour retention.

Recommended uses: For storage tank exteriors, steel masts, haulage equipment, structural steel and other steelwork, machinery and equipment.

Volume solids: 50 %

Application: airless or conventional spray.

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

Cans: 10l

Temal 400

A heat-resistant silicone paint.

- resistant to temperatures up to +400°C dry heat on steel surfaces.

Recommended uses: For exteriors of steel structures exposed to high temperatures. Suitable for fireplace doors, flues, exhaust pipes, sauna stoves and other hot metal surfaces indoors and outdoors.

Volume solids: 19 %

Application: airless, conventional spray or brush.

Colour: black.

Cans: 10l

ISOCYANATE
FREE FINISH



Telecommunication mast: Temanyl MS Primer, Temacryl AR 50



Fireplace door: Temal 400

Other solvent-borne coatings

Other TEMA products

Temal 600 HB

A high-build silicone-aluminium paint.

- resistant to temperatures up to +650°C dry heat on steel surfaces without a primer and +400°C when applied over a zinc-silicate paint.

Recommended uses: For exteriors of steel structures exposed to high temperatures. Suitable for fireplace doors, flues, exhaust pipes, sauna stoves and other hot metal surfaces indoors and outdoors.

Volume solids: 75 %

Application: airless, conventional spray or brush.

Colour: aluminium.

Cans: 10l

Temanyl PVB

A one-component matt polyvinyl-butyril adhesion primer.

- fast-drying paint
- can be applied using the “wet-on-wet” painting technique
- can also be used as a primer under powder coatings.

Recommended uses: As an adhesion primer for steel, zinc, stainless steel and aluminium surfaces.

Volume solids: 23 %

Application: airless, conventional spray or dipping.

Colours: grey and yellow

Cans: 20l

Temasolid EZ 80

A two-component high-solid glossy polyurea paint.

- contains anti-corrosive pigments
- forms hard, durable and easy-to-clean paint film
- very good gloss and color retention
- excellent scratch and mar resistance
- very high sagging value.

Recommended uses: Especially for use as a single-coat finish for agricultural and earth-moving machinery and other machinery and equipment.

Volume solids: 75 %

Application: airless or conventional spray.

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

Cans: 20l and 200l.

Temanyl MS Primer

A one-component modified vinyl primer.

- good abrasion, immersion and weathering resistance
- can be applied at low temperatures
- used also as a primer under conventional and self-polishing antifouling
- also as a primer under vinyl, chlorinated-rubber and acrylic topcoats.

Recommended uses: Suitable for underwater steel, zinc and aluminium structures, such as ship bottoms, etc.

Volume solids: 38 %

Application: spray or brush.

Colour: aluminium

Cans: 20l

Temamatt matting paste

A matting paste.

- flattens the gloss of Temalac FD 80, Temalac ML 90, Duasolid 50, Temadur 90, etc.

Cans: 1l



Mast-climbing work platforms: Temanyl PVB, Temacoat GPL-S Primer and Temathane PC 80

Other solvent-borne coatings

Temasilox

A two-component high-solid glossy polysiloxane topcoat.

- isocyanate free
- paint part is silicone modified epoxy
- no risk for shrinking or cracking
- volume solid content 89%, weight solid content 91%
- excellent weathering, abrasion and corrosion resistance
- Temasilox is certified/approved to be used as a topcoat in pre-qualified systems according to NORSOK M-501, system 1, rev.6.

NORSOK M-501
APPROVED

Recommended uses: Especially to be used as an isocyanate-free topcoat in severe corrosive atmospheric areas such as offshore, bridges, chemical facilities, oil refineries and power plants. Even corrosivity class C5 can be achieved when applied directly on zinc rich primer. Also suitable to be used as a single-coat finish on blast cleaned or phosphated steel.

Volume solids: 89 %

Application: airless spray, brush.

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

Cans: 20l and 200l.



Harsh maritime conditions: Temazinc 99, Temacoat Primer, Temasilox

Other solvent-borne coatings

TEMAZINC & TEMASIL – zinc-rich primers

Temazinc 77

A two-component, polyamide-cured zinc-rich epoxy paint.

- provides cathodic protection of steel
- used as a primer in epoxy, polyurethane and acrylic systems
- can be used without a topcoat
- the zinc content fulfills the requirements of ISO 12944-5.

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

Volume solids: 52 %

Application: airless spray or brush.

Colour: grey.

Cans: 10l

Temazinc 99

A two-component, polyamide-cured zinc-rich epoxy paint.

- provides cathodic protection of steel
- used as a primer in epoxy, polyurethane and acrylic systems
- can be used without a topcoat.

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

Volume solids: 55 %

Application: airless spray or brush.

Colour: grey.

Cans: 10l

Temazinc EE

A one-component, matt zinc-dust paint.

- provides cathodic protection of steel
- used as a primer for steel surfaces exposed to weathering and chemical stress
- can be used without a topcoat on surfaces exposed to weathering.

Recommended uses: Ideal as a touch-up primer on damaged areas of zinc-primed steel.

Volume solids: 56 %

Application: airless or conventional spray, brush or dipping.

Colour: grey.

Cans: 10l

Temasil 90

A two-component, ethyl-silicate zinc-rich paint.

- provides cathodic protection of steel
- superior resistance to corrosion
- excellent resistance to abrasion and weathering
- temperature resistance up to +480°C
- withstands immersion in oils and various solvents (see separate table)
- can be used as a single-coat or as a primer.

Recommended uses: For bridges, pipework, heat exchangers and chemical tanks, etc.

Volume solids: 55 %

Application: airless, conventional spray or brush.

Colour: greenish grey.

Cans: 10l



Bridge: Temazinc 77, Temacoat GPL-S MIO and Temathane 50

Water-borne coatings

FORTE – one-component products

Fontecryl AP

A one-component matt acrylic-based primer.

- fast-drying paint
- contains active anti-corrosive pigments
- drying time can be shortened by using higher temperatures
- overcoatable with a wide range of products, also with solvent-borne products.

Recommended uses: As an anti-corrosive primer on steel, aluminium and zinc surfaces.

Volume solids: 33 %

Application: spray or dipping.

Colours: black and red

Cans: 20l

Fontecryl SC 50

A one-component alkyd-modified acrylic paint.

- fast-drying paint
- contains active anti-corrosive pigments
- drying time can be shortened by using higher temperatures
- suitable for product painting in the metal-working industry and painting stations.

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

Volume solids: 40 %

Application: airless or conventional spray.

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

Cans: 10l

Fontelac QD 80

A one-component glossy topcoat based on alkyd dispersion.

- good gloss and colour retention in climatic stress
- suitable for product painting in the metal-working industry and painting stations
- not suitable for immersion or constant humidity.

Recommended uses: Especially as a glossy finish for small tanks, agricultural machinery, haulage equipment and other machinery and equipment.

Volume solids: 40 %

Application: spray, brush or dipping.

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

Cans: 3l

WATER-BORNE
FAST-DRYING
SINGLE-COAT
PAINT



Electric engines: Fontecoat EP 80

Water-borne intumescent coating

Fire protection coatings

Fontefire ST 60

A water-borne one-component intumescent coating.

- expands and forms an insulating layer of foam, when subjected to heat
- provides up to 90 minutes fire resistance
- CE marked (ETA 15/0442)
- very low VOC content (17g/l)
- forms a smooth and hard surface.

Recommended uses: For steel structures in internal conditions Z2. Recommended to be applied on-site during dry conditions. Components painted in workshops must be topcoated before taken outdoors. For various sizes of structural steel 'H' or 'I' shaped beam and column sections up to fire resistance class R60, and circular and rectangular/square hollow sections up to fire resistance class R90.

Volume solids: 72 %

Application: airless spray, brush or roller.

Colour: White.

Cans: 25 kg.

VERY LOW
VOC - 17 G/L



Steel structure: Temacoat GPL-S Primer, Fontefire ST 60 and Temadur 50

Water-borne coatings

FORTE – two-component primers/paints

Fontecoat EP 50 / EP 50 Beige

A two-component, semi-gloss epoxy paint/primer.

- very good resistance against mechanical and chemical stress
- 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 and polyurethane systems.

Recommended uses: For steel framework, service platforms, conveyors and other steelwork, machinery and equipment.

Volume solids: 52 %

Application: airless spray or brush (small areas).

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

Cans: 10l and 20l (beige)

Fontecoat EP 80

A two-component, glossy epoxy paint.

- used as a topcoat in epoxy systems for steel surfaces
- FDA compliant for food contact – U.S. FDA 21 CFR part 175.300.

Recommended uses: For painting cranes, haulage equipment, electric motors, and similar machines and equipment.

Volume solids: 47 %

Application: airless spray or brush.

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

Cans: 10l



Transformer: Temazinc 77, Fontecoat EP 50 Beige and Fontedur HB 80

Water-borne coatings

FONTE – two-component topcoats and varnish

Fontedur HB 80

A two-component, polyurethane topcoat.

- high-build paint
- forms a durable, easy-to-clean and non-chalking surface
- excellent gloss and colour retention
- can be cured at high temperatures
- suitable to be used as a topcoat for epoxy and polyurethane systems on steel surfaces exposed to weathering, abrasion and chemical stress.

Recommended uses: For agricultural and earth-moving machinery, steel framework and other steel structures, machinery and equipment.

Volume solids: 45 %

Application: air-assisted airless or conventional spray.

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

Cans: 20l

Fontedur SC 35

A water-borne, two-component high-build polyurethane paint.

- durable, easy-to-clean and non-chalking topcoat
- zinc free
- excellent gloss and colour retention in climatic stress
- high-sagging value, up to DFT 100µm
- can be cured at higher temperatures.

Recommended uses: For agricultural and earth moving machinery, steel framework and other steel structures, machinery and equipment. Can be used as a single coat or as a topcoat for epoxy/polyurethane systems in steel surfaces exposed to weathering, abrasion and chemical stress.

Volume solids: 45 %

Application: air-assisted airless or conventional spray.

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

Cans: 10l.

Fontezinc 85

A two-component, zinc-rich epoxy paint.

- provides cathodic protection of 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 uses: For bridges, cranes and steel frameworks as well as steelwork and equipment in the forest and chemical industries, such as tubular bridges, conveyors, etc.

Volume solids: 44 %

Application: airless or brush.

Colour: reddish grey.

Cans: 20l

Fontedur Clear Plus

A water-borne, two-component polyurethane varnish.

- very good gloss and colour retention in climatic stress
- increases resistance against moderate mechanical and chemical stress.

Recommended uses: For agricultural and earth moving machinery, steel framework and other steel structures, machinery and equipment. Can be used as a glossy lacquer in polyurethane systems.

Volume solids: 36 %

Application: conventional or air-assisted airless spray.

Colour: Clear.

Cans: 20l.

Product names in alphabetical order

Duasolid 50	17	Temadur 90	12
Fontecoat EP 50	24	Temadur HS 90	13
Fontecoat EP 50 Beige	24	Temadur SC-F 20	13
Fontecoat EP 80	24	Temadur SC-F 50	13
Fontecryl AP	22	Temadur SC-F 80	13
Fontecryl SC 50	22	Temal 400	18
Fontedur Clear Plus	25	Temal 600 HB	18
Fontedur HB 80	25	Temalac AB 70	5
Fontedur SC 35	25	Temalac FD 20	5
Fontefire ST 60..	23	Temalac FD 50	5
Fontelac QD 80	22	Temalac FD 80	5
Fontezinc 85	25	Temalac ML 90	6
Temabond ST 200	10	Temalac SC-F 20	6
Temabond ST 300	10	Temalac SC-F 40	6
Temaclad SC 50	16	Temalac SC-F 80	6
Temacoat 50	9	Temaline EPL 100	11
Temacoat EP Primer	7	Temaline TL	11
Temacoat GPL	8	Temamatt matting paste	19
Temacoat GPL-S MIO	7	Temanyl MS Primer	19
Temacoat GPL-S Primer	7	Temanyl PVB	19
Temacoat GS 50	8	Temaprime EE	4
Temacoat Primer	7	Temaprime EUR	4
Temacoat RM 40	9	Temasil 90	21
Temacoat SPA 50	9	Temasilox	20
Temacryl AR 50	18	Temasolid EZ 80	19
Temcryl EA 50.....	18	Temathane 50	16
Temadur Accelerator	14	Temathane PC 50	15
Temadur AG Extra	14	Temathane PC 80	15
Temadur Clear	14	Temazinc 77	21
Temadur 10	12	Temazinc 99	21
Temadur 20	12	Temazinc EE	21
Temadur 50	12		

FOR PROFESSIONAL RESULTS, SPECIFY TIKKURILA

Additional information is available from product data sheets and material safety data sheets.

Our experienced staff will be pleased to provide full information on coatings specifications and test reports.

Contact your nearest Temaspeed distributor or Tikkurila sales representative.



INDUSTRIAL COATINGS FOR METAL SURFACES



ABOUT TIKKURILA

Tikkurila is a leading Northern European paint industry professional known for its strong brands, high-quality surface treatment products and expert services, which ensure the best possible user experience in the market.

Our largest markets are Sweden, Russia, Finland, Poland and the Baltic countries. We have production in nine countries, and we are the leading decorative paint company in all our

main markets. On the whole, our products are available in 40 countries.

Tikkurila provides their customers with high-quality and state-of-the-art paint and coating solutions for the needs of construction and industry. The quality of the products is ensured by the Tikkurila operational system, based on the requirements of ISO 9001 and ISO 14001.