

Paint system references OEM products Steel constructions







Finland's pavilion at the Shanghai World Expo 2010

China



Kirnu, "Giant's Kettle"

Paint system:

Temacoat SPA Primer Temacoat FD 50 for the steel frame

What are the customer benefits?

Tikkurila products have been used for the steel frame, concrete floors and inner walls of the pavilion.

Quality, beauty and durability were emphasized with regard to product selection.



Finland's pavilion at the Shanghai World Expo 2010

China



Paint system:

Temafloor 200 primer Temafloor 3000 screed Temafloor 25 varnish

MQ primer and Feelings topcoat for the inner walls

- Excellent resistance to abrasion- The floors have three layers of lacquer, in order to withstand the footsteps of millions of Expo visitors
- Self-levelling
- Good looking
- •The end result of the floor is a frozen lake through which fish can be seen.



Rapala

Lures Finland



Paint system:

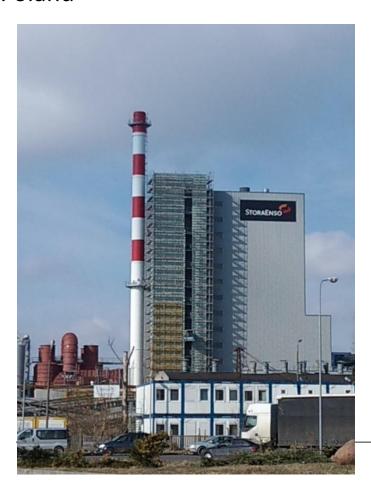
Fonteplas RM Clear

- Very good test results
- •Tikkurila is a local supplier with good relationships



RUUKKI

STORA ENSO Ostrołęka "Boiler project" Poland



Paint system:

Temathane 50

Temazinc 77 1x60μm Temacoat GPL-S Primer 1x40μm Temacoat GS 50 1x60μm and Temabond ST 200 1x100μm Temacoat GS 50 1x60μm and Temazinc 77 1x60μm Temacoat SPA 50 2x70μm

What are the customer benefits?

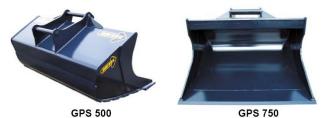
1x40μm

- Excellent protection system
- Easy to apply repairing system
- Good technical support



Drivex

Shovels Sweden, Edsbyn





GPS 750

GPS 500 H



Paint system:

Temasolid SC-F 80 1x120µm

- Modern tintable product
- •Fast painting and drying process
- Low VOC-content
- •Fast production cycle
- •Increase profitability for the customer



Junttan

Hydraulic piling equipment, Finland



Paint system:

Temazinc 77 1x30μm Temasolid SC-F 1x120μm

- •Fast painting and drying process
- Low VOC-content
- •Fast production cycle



Unex a.s.

Earth moving machines, shovel excavators, cranes, mechanization technology
Chech Republic, Uničov



Paint system:

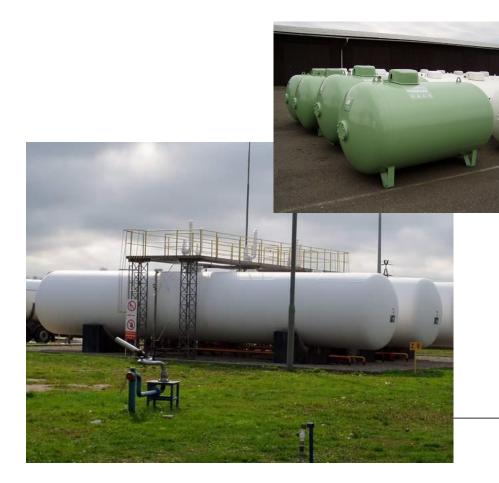
Temacoat GF TVT 4006 Temadur 20 HCE 51 Temadur 90 HCE 127, 128

- Fast production cycle
- •Both primer and topcoat can be applied within the same day
- •Excellent hiding power due to tailor-made products



Východočeské plynárenské strojírny a.s.

LPG tanks, LPG filling stations, pressure tanks Chech Republic, Rosice u Chrasti



Paint system:

Temadur SC 80 (130 μm)

- •One layer system in 130 μm
- Force drying
- VOC fullfilment
- •Excellent anticorrosive and mechanical properties



BAEST, a.s.

Construction Cranes, steel tanks, silos, hoppers and storage Bins

Chech Republic, Benešov







Paint systems:

Temacoat GPL-S Primer Temathane 50 or Temacoat RM 40

- •Excellent anticorrosive and mechanical properties
- •One layer system in 130 μm
- Optimal price-quality ratio



John Deere Forestry

Agricultural machinery, tractors Finland



Paint system:

Temadur SC 50

- Fast production cycle
- Good gloss retention
- Brilliant outlook



EON, Gas station

Hungary, Hajdúszoboszló





Paint system: TP19
Temabond ST 200
Temacoat GPL-S Primer
Temadur 50

- Good durability
- •Very good protection against corrosion
- •Quality of the paints is very important to EON



Wärtsilä Qiyao Diesel Co., Ltd

Diesel engines for marine and power plants China, Shanghai



Paint system: TE24

Temaprime EE
Temalac ML 90

- One component system
- •Both primer and topcoat can be applied within the same day
- •Alkyd paint system is used in many different applications where you need easy and cost saving products



Uniteam Kft

Metal constructions, Furnitures

Hungary, Pécs



Paint system: TP19

Temabond ST 200
Temacoat GPL-S Primer
Temadur 50

- Perfect system for metal surface
- •Good durability in different corrosivity categories
- •Reliable maintenance system
- •Trustworth long-term protection



LMR Āzene SIA

Production of agricultural machinery for export markets

Latvia, Riga



Paint system: TP107

Temacoat HB 30 Temathane 50

- Reliable epoxy polyurethane system with excellent weathering resistance
- Customer has used Tikkurila's products more than 10 years
- Temaspeed service, many different colour shades



STANMARK SP. ZO.O

Manufacturer of cement mixing plants Poland, Tarnobrzeg



Paint system: TE50

Temacoat RM 40

- •Excellent resistance to abrasion, chemicals and water immersion achieved with one resin modified epoxy paint
- Good quality
- •Cost saving painting with just one product
- Professional customer support



Tetis

Manufacturer of metal constructions, bridges and concrete floors Kazakhstan, Aktay



Paint system: TE28
Temacoat SPA 50

- •Excellent epoxy system for steel, aluminium and zinc surfaces
- •Paint can be used as a single coat paint or as a primer or as an intermediate coat
- Cures at low temperature
- Can be recoated quickly



Profarb

Supplier of machinery and equipment for the chemical industry

Poland, Gliwice



Paint system: TP10

Temacoat GPL-S Primer Temadur 90 with Temadur HF Extra (Hammer finish)

- Beautiful personal outlook
- •Stands out from the ordinary paint products
- Excellent durability
- •Confidence on Tikkurila's products



ZNTK Mińsk Mazowiecki

Passenger carriages for railways Poland, Mińsk Mazowiecki



Paint system:

Temacoat GPL-S Primer Temacoat GPL-S Primer Temathane AK-PUR Temadur Clear

- •The Certificate of Polish Railways Institute CZ CNTK-06/2008
- Excellent weathering and abrasion resistance
- Fine finish
- Trustworth coating
- Long-term protection



Wouter Witzel EuroValve B.V

Producer of high quality industrial butterfly valves and actuators
Netherlands, Losser



Paint system:

- •Temacoat RM 40 1x50 μm **TE50** or
- •Temabond ST 300 1x150 μm **TE56** C2, Im3 or
- •Temabond ST 300 1x300 μm **TE56** C5,lm3

- High solids products
- •Easy to use
- Easy to apply thick layers
- •COT approval for categories C5 and Im3
- •Products have been approved for chemical industry and underground structures



GMM Container AS

Containers Norway, Moelv



Paint system:

Temasolid SC 60 **TP96** Temadur SC **TP73**

- Fast, easy to apply
- Very low VOC-content
- Technical Service



TKS Mekaniske AS

Agricultural machinery Norway, Nærbø



Paint system:

Fontecryl AP

or

Temaprime GF

with

Temalac ML 90 DIP

- •The products are easy to apply
- Excellent price-quality ratio
- •Fine and brilliant outlook



Ipromet

Manufacturer of spare parts for Rocla Romania, Focsani



Paint system:

Temacoat GPL-S Primer 70-80 μm Temacoat RM 40 70-80 μm

- Complete solution
- excellent products and service
- •Reliable epoxy system when good durability is demanded



ABB Robotics

Robots Sweden, Västerås China, Shanghai



Paint system:

Standard

Fontecoat EP 50 1x100 µm **TF27**

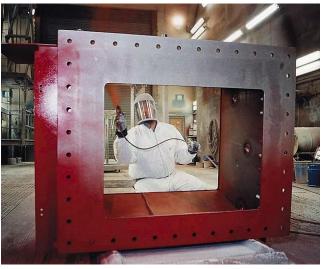
Food industry
Temasolid SC 60 1x100 µm **TP96**

- •Outstanding water borne paint system
- •Tikkurila's systems has been tested and accepted by ABB research



ABB Transformer

Transformers Sweden, Ludvika Spain, Bilbao China, Shanghai



Paint system:

Fontecoat EP 50 1x100 μm C3 Fontedur HB 80 1x60 μm

Fontezinc 85 1x40 μm C4 Fontecoat EP 50 1x140 μm

C5-M

Fontedur HB 80 1x60 μm

Temazinc 99 1x60 μm Fontecoat EP 50 2x80 μm Fontedur HB 80 1x60 μm

- Water borne system
- Extensively tested systems
- •Developed together with ABB Transformers



BAE Systems Hägglund

Army vehicles Sweden, Örnsköldsvik



Paint system:

Temazinc 99 $1x40 \mu m$ Fontecoat EP 50 $80-160 \mu m$ Fontedur FSD $1x40 \mu m$

- •This hybrid system has outstanding performance in real life
- •Heavily tested system for severe environments



VOLVO CE

All parts except the cabin and axle Sweden, Braås



Paint system:

Duasolid 50 1x100 μm

- Single coat system
- •The best technical solution for the customer
- Technical support



ITT Flygt

Submersible pumps Sweden, Emmaboda China, Shenyang



Paint system:

- •Fontecryl AP 1x30 μm
- •Duasolid 50 150-350 μm

- •Best in the tests performed by customer
- Heavily tested products



JSC "St. Petersburg Tram-Mechanical Plant"

Russia, St. Petersburg



Paint system:

Surface, fiberglass:

Temadur 90 1x40 µm

Surface, steel: **TA11**

Temaprime EE 1x40 μm Temalac ML 90 1x40 μm

- •Good products for high gloss demands
- Brilliant outlook
- Easy to apply



Resource Service

Repairing of railway equipment Russia, St. Petersburg



Paint system: TE74

Temacoat HB 30 1x100 µm

What are the customer benefits?

- •Due to single coat product the system is fast and easy to apply
- •All colours with just one paint
- Optimal price-quality ratio
- •All the approvals customer needs
- Technical support

ATI3-120-11



JSC "Agrotehmash"

Production of agricultural machinery, tractors Russia, Tambov



Paint system: TP20

Temacoat GPL-S Primer 1x80 μm Temadur 50, 40 1x80 μm

- Optimal price-quality ratio
- Technical support



ToMez

Harvesting machines Russia, Leningrad region



Paint system:

Temazinc 77 1x50 μm Temabond ST 200 1x150 μm

- Good corrosion protection
- Good abrasion resistance
- Optimal price-quality ratio
- Technical support



Satamajäänsärkijä SS TURSO

Finland, Helsinki



Paint system:

Temabond WG 300 TE8

Temaprime EE **TA13, TA12** Temalac FD 50, 80

- Good corrosion protection
- Good abrasion resistance
- Good maintenance system
- Optimal price-quality ratio
- Technical Service
- •Wide range of colour shades available



Normek Oy

Steel structures in the **Stockholmsarena** (currently under construction)
Sweden, Stockholm



Paint system:

Temacoat SPA Primer 2x Temathane 50 1x

30 000 m²

- Excellent durability
- Long-term protection
- Good gloss and colour retention
- •Good relationships with the customer



Ruukki

Steel structures in The **Swedbank Arena**Retractable roof football stadium
(currently under construction)

Sweden, Stockholm



Paint system:

Temazinc 77 1x40 μm TP90
Temacoat SPA Primer 1x80 μm
Temathane 50 1x40 μm
and
Temacoat SPA Primer 1x400 μm

Temacoat SPA Primer 1x100 μm **TP91** Temathane PC 50 1x60 μm

100 000 m²

- Excellent durability
- Long-term protection
- Good gloss and colour retention



TMT spol s.r.o.

Transporting systems including belt, chain, worm and other conveyors, bucket elevators, roller lines etc.

Czech Republic, Chrudim



Paint systems:

Temaprime EUR
Temalac FD 50
Temacoat GPL-S Primer
Temathane 50

- Fast drying
- •The best technical solution for the customer
- Optimal price-quality ratio



STALBUD Sp. zo.o.

The construction of the supermarket Leroy Merlin Michałowice plant, producer of steel structures Poland, Tarnów



Paint system: TE28

Temacoat SPA 50

- •Epoxy product as a single coat system
- •Good adhesion to steel, zinc and aluminium surfaces
- •Used both as a primer and a topcoat
- Heavily tested product for different objects
- •Trust, long-term relationship



AMONTEX

Steel structures in Belchatow Power Plant Poland, Piotrków Trybunalski



Paint system: TA31

Temaprime EUR
Temalac FD 50

- •Cost effective, protective alkyd system
- •Easy to use also for maintenance painting
- •Trustworth, long-term protection



ZAKŁAD METALOWY MICHOS S.C.

Production of fences and metal elements for playgrounds

Poland, Strzegomek



Paint system:

Temaprime EUR
Temalac FD 80

- Good quality with one component alkyd system
- Good hiding power of bright colours
- Can be applied with brush, roller or spray
- •Easy to paint both in field and in painting shop
- Fast paint system
- Fast deliveries



Alstal Inowroclaw

Steel constructions for swimming hall

Poland, Inowroclaw, poznan



Paint system: TP94

Temacoat SPA Primer 2x100 μm Temadur 50 1x50 μm

- •Durable epoxy polyurethane paint system
- Good protection
- Excellent weathering resistance
- Good gloss retention
- Good price
- Trustworth



Alstal Inowroclaw

Steel constructions for Zgorzelec Plaza Market

Poland, Inowroclaw



Paint system: TA31

Temaprime EUR 2x60 μm Temalac FD 50 1x40 μm

- •Good quality with one component alkyd system
- •Can be applied with brush, roller or spray
- •Easy to paint both in field and in painting shop
- Fast paint system
- Excellent price-quality ratio



Auto Breczko

Car showroom BMW-Chrysler-Jeep Poland, Białystok



Paint system: TP54

Temacoat GPL-S Primer 1x80 μm Temathane 50 1x40 μm

- Excellent weathering resistance
- Good gloss retention
- •Smooth, good looking coating system
- •Long experience about Tikkurila's products



Witraż

Producer of windows

Poland, Białystok



Paint system: TP20

Temacoat GPL-S Primer 1x80 μm Temadur 50 1x40 μm

- •Epoxy system that withstands heavy abrasion
- •Good looking, reliable coating system for public buildings
- Good technical service
- •Long experience about Tikkurila's products



Metal-Fach

Metal-Fach produces agricultural machines and the steel constructions Poland, Sokółka



Paint system: TP54

Temacoat GPL-S Primer 1x80 μm Temathane 50 1x40 μm

- •Epoxy system exposed to heavy abrasion
- •A coating system with excellent outlook
- Products of good quality
- •Long-term experiance of the coating



Shaft mining Louise

Historical coal mine shaft Louise Poland, Zabrze



Paint system: TP26

Temabond ST 200 1x100 μm Temabond ST 300 1x100 μm Temadur 50 1x50 μm

- •Excellent protection against climatic, mechanical and chemical resistance
- Long-term corrosion protection required by customer



GAZ SYSTEM S.A.

The Gas transmission operator Gas pumps and pipes Poland, Warszawa, Hołowczyce



Paint system: TP56

Temabond ST 200

Temathane 50

- Excellent durability
- Excellent adhesion to the surface
- Good technical service
- •Trustworth, long-term protection



Europress Group Oy

Waste handling machinery

Finland, Kerava



Paint system: TP96

Temasolid SC 60 1x90 or 120 μm

- Only one product
- Fast painting and drying process
- Low VOC-content
- •Beautifull and in the same time very protective single coat system



Junkkari Oy

Agricultural machinery Finland, Kauhava



Paint system:

Temadur HS Primer
Temathane PC 80 1x100 μm

- •Can be applied "wet-on-wet"
- •Fast polyurethane paint system
- •Excellent gloss and colour retention
- •System is "tailormade" for the customer



Rocla

Fork-lift trucks

Finland, Järvenpää



Paint system: TP73

Temadur SC 20, 50 or 80 1x80 μm

- •Single coat polyurethane system
- Different gloss levels
- •Wide range of colour shades
- Durable and easy paint system



Valtra Oyj

Agricultural machinery, tractors Finland, Suolahti



Paint system:

Temadur 20 Temadur Clear

- •Excellent gloss and colour retention
- Long term co-operation
- •The painting line has been designed in co-operation with Tikkurila



Dynapac

Compaction and paving equipment Sweden, Karlskrona



Paint system:

Temanyl PVB
Temadur SC 80

- •Excellent gloss and colour retention
- •Good local support through Tikkurila personnel



Metso Minerals

Crushers
Finland, Tampere
China, Tianjing
India, Baval
Northern Ireland, Dungannon
USA, Columbia



Paint system:

Duasolid 50

- Excellent gloss and colour retention
- Sales units in several countries and wide Temaspeed distributor network



Keenan System

Feeders

Ireland, Borus



Paint system:

Fontecryl AP Fontedur HB 80

- •Excellent gloss and colour retention
- •Water-borne products of good quality
- Long term co-operation
- •Good local support through Temaspeed distributors and Tikkurila personnel



IMMOEAST AG Nowe Centrum Sp.zo.o.

Silesia City Centre, shopping mall Poland, Katowice



Paint system: TE28

Temacoat SPA 50 1x100 μm

- •Excellent single coat epoxy system for steel frameworks
- •Cost effective durable epoxy system
- Easy to apply
- Fast system



Era, Centertel, Plus

Mobile phone companies Transmissions masts Poland, Warszawa



Paint system:

Temanyl MS Primer Temacryl AR 50

- •Economical one component system for steel constructions e.g. antennas
- •Durable system with good weather resistance
- •Easy to apply with spray or brush



Karol Kania & Synowie

The production base for the cultivation of mushrooms Poland, Pawłowiczki



Paint system:

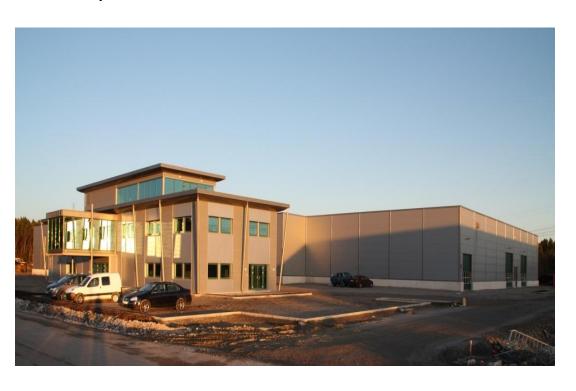
Temabond ST 200 1x120 μm Temabond ST 300 1x100 μm Temadur HB 80 1x80 μm

- •Excellent protection against climatic, mechanical and chemical stress
- •Systems previously used successfully in other places of the investor



AS SKV

Steel construction Norway, Råde



Paint system:

Temaprime EUR Temalac SC-F 40 or

Temacoat SPA Primer MIO Temadur 50

- •Fast one component alkyd system
- Epoxy-polyurethane system with good outlook
- Quality of the product
- Technical Service



Contiga AS

Steel construction Fornebu Arena Norway, Roverud





Paint system:

Temaprime EUR
Temalac FD 50
or
Fontecryl AP

Temalac FD 50

- •Cost effective, protective alkyd system
- Easy to apply
- •Due to water-borne primer the VOC content is very low
- Easy maintenance painting
- Good Technical Service



Izhorskie zavody

Metal structures Russia, St. Petersburg



Paint system:

Temazinc 77 1x80 µm

Why Tikkurila?

- Excellent cathodic protection
- Optimal price-quality ratio
- •All needed approvals
- Technical support



Scanclimber Sp.z o.o.

Mast climbing work platforms

Material and personnel hoists for different kinds of high rise jobs

Poland, Gniezno



Paint system:

Temanyl PVB $1x 15 \mu m$ Temacoat GPL-S Primer $1x90 \mu m$ Temathane $1x 60 \mu m$

- Optimal price-quality ratio
- •All needed approvals
- Technical support
- Long-term protection



PGE KWB TURÓW S.A

Coal mining, dumping conveyor Poland, Bogatynia



Paint system:

Temacoat SPA Primer Temacoat SPA MIO Temathane 50

- Heavy duty coating for steel
- •Excellent protection against climatic, mechanical and chemical stress
- •Long-term corrosion protection required by customer
- •Extensively tested, over 10 years experience



KGHM POLSKA MIEŹ S.A

Copper mine, copper processing plant, flotation machinery
Poland, Lubin



Paint system:

Temabond ST 200 **TE47** Temabond ST 300

or

Temabond ST 200 **TE41**Temacoat GPL

- Excellent durability
- Good adhesion
- Withstands chemical stress
- •Heavily tested painting system, experience in this type of machinery for already 9 years



KGHM POLSKA MIEŹ S.A.

Copper mine, shaft tower Poland, Lubin



Paint system: TP111

Temacoat SPA MIO 1x200 μm Temathane 50 1x40 μm

- Heavy duty coating for steel constructions
- •Excellent protection against climatic, mechanical and chemical stress
- •Long-term corrosion protection required by customer
- •Extensively tested painting system, experience in similar type of steel construction for over 9 years