Since 1957

MIRODUR
INDUSTRIA VERNICI

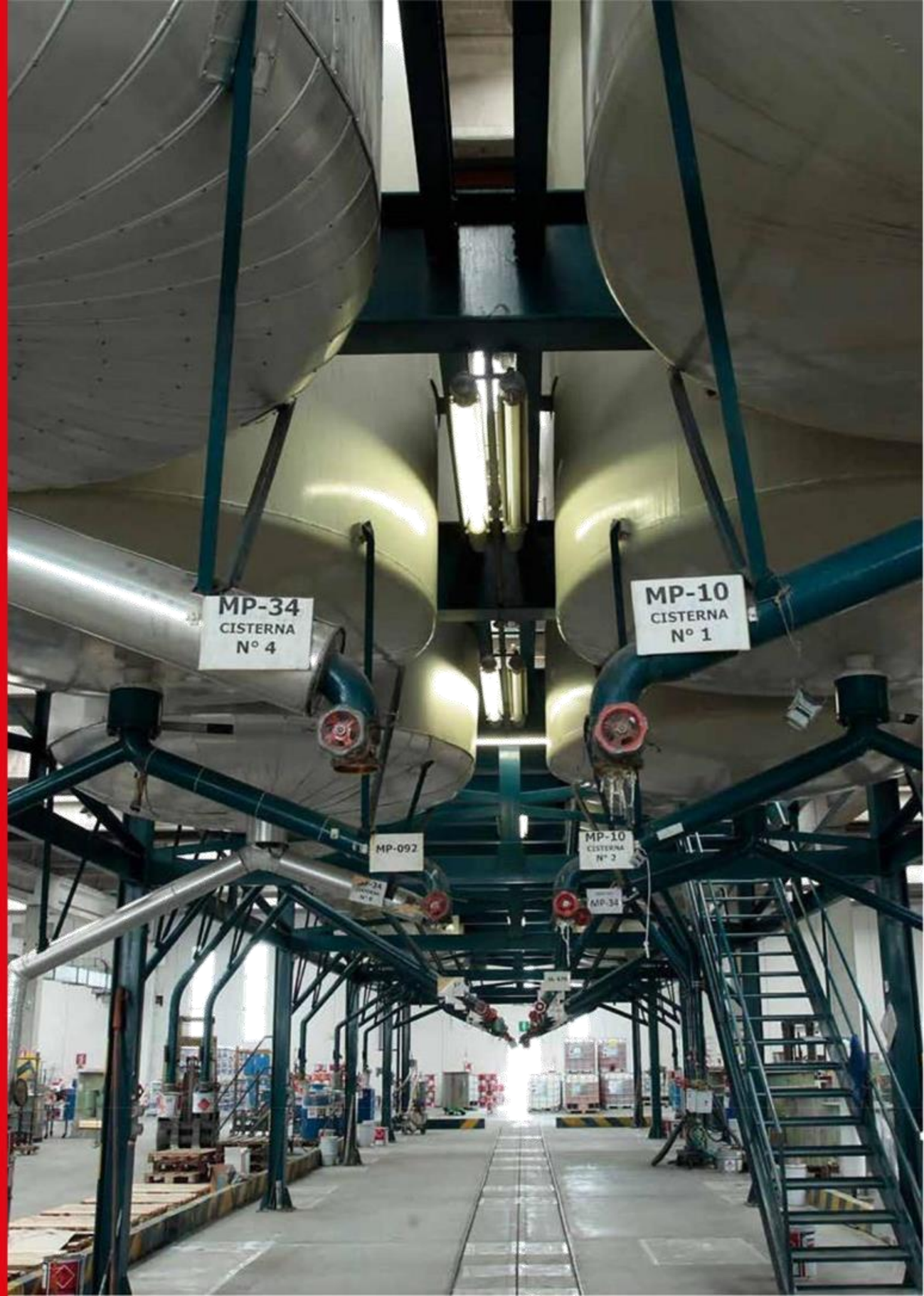
PRODUCT CATALOGUE

INNOVATION, QUALITY AND EXPERTISE SINCE 1957

Mirodur began its activity in 1957 in Rome. The company was called “La Mirodur Italiana Srl” and immediately received great approval from users, so much so that after a few years it was necessary to expand the structure. The Mirodur plant was built in Pomezia where the type of paints manufactured was also expanded. This success materialized in 1982 with the construction, on an area of 30,000 square meters, of the second plant in Aprilia of 8000 square meters covered, with equipped laboratories and tools for quality control of both incoming raw materials and outgoing finished products, as required by the ISO 9001 regulation. In July 2016 Mirodur acquired the historic brand Albesiano Sisa Srl of Turin with the transfer of its branch of the company relating to industrial paints to MIRODUR SpA

THE PRODUCTION

Based on our own Turbomill mills, sold worldwide, our production is rapid and ensures quality and consistent supplies. The consolidated company organization allows production and packaging in times that always respect delivery commitments. The industrial tinting system and cutting-edge solvent storage are the flagship of a company that in recent years has recorded zero defects in its production as per quality assurance audit reports.



CONTINUOUSLY SEARCHING FOR NEW SOLUTIONS

SISTEMI DI GESTIONE CERTIFICATI

CQY CERTIQUALITY

UNI EN ISO **9001:2015**
UNI EN ISO **14001:2015**

PRODUCT INDEX

Epomir AR

CATEGORY *EPOXY*
MIROMIX TINTING SYSTEM *YES*
APPEARANCE *OPAQUE*
APPLICATION *IRON/GALVANIZED/LIGHT ALLOYS*
CATALYSIS *YES*

Two-component epoxy rust inhibitor with zinc phosphate. The product is formulated to allow apply thicknesses of up to 200 dry microns in a single coat without dripping with excellent chemical and mechanical resistance.

The coating, after complete polymerization, is characterized by:

- ***excellent barrier effect;***
- ***excellent resistance to continuous condensation;***
- ***excellent resistance to neutral salt spray for up to 1,000 hours;***
- ***exceptional grip.***

The product is particularly suitable as a primer on a variety of surfaces such as: iron, stainless steel, galvanized sheet metal, aluminum.

Epomir AR HS

CATEGORY *EPOXY*
MIROMIX TINTING SYSTEM *NO*
APPEARANCE *OPAQUE*
APPLICATION *IRON/GALVANIZED/LIGHT ALLOYS*
CATALYSIS *YES*

Two-component epoxy rust inhibitor with zinc phosphate.
The product is thixotropic with a high solids content and easy to sand, suitable for applications over 200 microns in a single coat without dripping.
Excellent adhesion on all surfaces (iron, stainless steel, etc.) and can be painted over wet on wet.
After hardening, the film has a matt, hard and elastic appearance and has excellent chemical and mechanical resistance.

Epomir AR Vinyl

CATEGORY _____ *EPOXY VINYL*
MIROMIX TINTING SYSTEM _____ *NO*
APPEARANCE _____ *OPAQUE*
APPLICATION _____ *IRON/GALVANIZED/LIGHT ALLOYS*
CATALYSIS _____ *YES*

Two-component epoxy vinyl anti-rust with zinc phosphate with excellent chemical and mechanical resistance. The product is formulated to allow the application of thicknesses up to 200 dry microns in a single coat without dripping and to allow overpainting without sanding even after a long time.
The coating, after complete polymerization, is characterized by:
- ***excellent barrier effect;***
- ***excellent resistance to continuous condensation;***
- ***excellent resistance to neutral salt spray;***
- ***exceptional grip;***

The product is particularly suitable as an undercoat on a variety of surfaces such as: iron, stainless steel, galvanized sheet metal, aluminum.

Epomir SF

CATEGORY _____ *EPOXY*
MIROMIX TINTING SYSTEM _____ *YES*
APPEARANCE _____ *OPAQUE*
APPLICATION _____ *IRON/GALVANIZED/LIGHT ALLOYS*
CATALYSIS _____ *YES*

Two-component epoxy anti-rust.
The coating, after complete polymerization, is characterized by:
- ***excellent barrier effect;***
- ***excellent grip.***

The product is particularly suitable as an undercoat on a variety of surfaces such as: iron, stainless steel, galvanized sheet metal, aluminum.

Single-component primer

CATEGORY _____ *VINYL BUTYRAL*
MIROMIX TINTING SYSTEM _____ *NO*
APPEARANCE _____ *OPAQUE*
APPLICATION _____ *IRON/GALVANIZED/LIGHT ALLOYS*
CATALYSIS _____ *NO*

Single-component zinc phosphate primer based on polyvinyl butyral resin with very fast drying and very low thickness.
The product is generally used for temporary protection during storage of metal structures, weldable, does not develop toxic gases during cutting and/or welding, suitable for brush touch-ups of welding seams. It can be overpainted with thermosetting powders.
The product is applied directly to iron, galvanized steel and aluminum.

Polyacrylic SF

CATEGORY _____ *ACRYLIC*
MIROMIX TINTING SYSTEM _____ *NO*
APPEARANCE _____ *OPAQUE*
APPLICATION _____ *ALL SURFACES*
CATALYSIS _____ *YES*

Two-component acrylic primer with high dry residue. The product is very versatile as it can be used as a High Filling Primer (5:1 approximately 80 microns per coat), Filler (5:1:0.5 approximately 60 microns per coat), Insulator (5:1:1 approximately 35 microns per coat). The product is suitable for uses regulated by Legislative Decree 161/2006 (European Directive 2004/42/CE), IIB (C) (540) 535.

Polyacrylic AR

CATEGORY	*ACRYLIC*
MIROMIX TINTING SYSTEM	*NO*
APPEARANCE	*OPAQUE*
APPLICATION	*IRON/GALVANIZED/ALLOYS LIGHT*
CATALYSIS	*YES*

Two-component acrylic anti-rust with zinc phosphates.
Excellent adhesion on all surfaces (iron, stainless steel etc.), after hardening the film has a matt, hard and elastic appearance. The dried film has excellent chemical and mechanical resistance.

Myrosint AR

CATEGORY	*ALKYD*
MIROMIX TINTING SYSTEM	*YES*
APPEARANCE	*OPAQUE*
APPLICATION	*IRON*
CATALYSIS	*NO*

Quick-drying synthetic rust inhibitor based on short-oil alkyd resins with zinc phosphate and medium-high thickness.
After curing the film has a matt, hard and elastic appearance. The dried film offers good corrosion resistance NSN (neutral salt spray) 240 hours at 50-60 microns dry.

FUNDS AND ANTI-RUST/*Solvent-based products*

Myrosint SF

CATEGORY	*ALKYD*
MIROMIX TINTING SYSTEM	*YES*
APPEARANCE	*OPAQUE*
APPLICATION	*IRON*
CATALYSIS	*NO*

Quick drying synthetic primer based on short oil alkyd resins with medium to high thickness.
After hardening the film has a matt, hard and elastic appearance.

Myrosin

CATEGORY	*ALKYD*
MIROMIX TINTING SYSTEM	*YES*
APPEARANCE	*GLOSSY/SEMI GLOSSY/MATT*
APPLICATION	*IRON*
CATALYSIS	*OPTIONAL*

Single-component alkyd finish with medium-high dry residue and rapid drying.
The coating, after complete polymerization, is characterized by:
- ***medium/high dry residue;***
- ***good elasticity.***

Mirosint AG

CATEGORY	*ALKYD*
MIROMIX TINTING SYSTEM	*YES*
APPEARANCE	*GLOSSY*
APPLICATION	*IRON*
CATALYSIS	*NO*

One-component alkyd finish with fast drying. Excellent resistance to water droplets after just 24 hours.
The coating, after complete polymerization, is characterized by:
- ***good elasticity***
- ***medium/high dry residue***
- ***excellent resistance to water drops after 24 hours (hardening at a temperature of 23°C - 25°C and max RH 50%)***

Myrosint AS

CATEGORY ALKYD
MIROMIX TINTING SYSTEM NO
APPEARANCE GLOSSY/SEMI GLOSSY/MATTE
APPLICATION IRON
CATALYSIS NO

Fast drying alkyd finish formulated with high solid resin with 75% dry residue. Applied with a system equipped with a pre-heater with low solvent emissions into the atmosphere. After hardening the film has a glossy, hard and elastic appearance.

Myroloid

CATEGORY NITRO ALKYD
MIROMIX TINTING SYSTEM YES
APPEARANCE GLOSSY/SEMI GLOSSY/MATT
APPLICATION IRON
CATALYSIS NO

One-component nitro alkyd finish with very short drying times.
After hardening the film has a glossy, hard and elastic appearance.

Myroloid CC

CATEGORY NITRO ALKYD
MIROMIX TINTING SYSTEM YES
APPEARANCE GLOSSY/SEMI GLOSSY/MATT
APPLICATION IRON/GALVANIZED/LIGHT ALLOYS
CATALYSIS YES

Two-component finish based on nitro-alkyd resins with medium/low thickness. After hardening the film has a glossy appearance with excellent chemical, mechanical, abrasion and scratch resistance.
The coating has good direct adhesion on steel, galvanized steel and aluminum, after complete polymerization, it is characterized by:
• good colour retention (xenon test);
• good gloss retention (xenon test);
• excellent resistance to impacts and abrasion.
The film's rapid drying makes it suitable for applications where prompt handling of the product is required.

Mirarapid

CATEGORY NITRO
MIROMIX TINTING SYSTEM YES
APPEARANCE GLOSSY/SEMI GLOSSY
APPLICATION IRON
CATALYSIS NO

Single-component nitro alkyd finish with medium/low dry residue and very fast drying.
The coating, after complete polymerization, is characterized by:
• good impact resistance;
• excellent scratch resistance;
• excellent chemical resistance.

Mirogum

CATEGORY — *MODIFIED ALKYD*
MIROMIX TINTING SYSTEM — *YES*
APPEARANCE — *GLOSSY/SEMI GLOSSY*
APPLICATION — *IRON*
CATALYSIS — *NO*

Single-component chlorinated alkyd finish with medium solids content.
The coating, after complete polymerization, is characterized by:
- ***good impact resistance;***
- ***good resistance to acidic environments.***

Polydur

CATEGORY — *POLYURETHANE*
MIROMIX TINTING SYSTEM — *YES*
APPEARANCE — *GLOSSY/SEMI GLOSSY/MATTE*
APPLICATION — *FIRST*
CATALYSIS — *YES*

Two-component finish based on non-yellowing hydroxylated polyols. Catalyzed with aliphatic isocyanic hardener, the product has exceptional light stability without yellowing or loss of gloss. The coating, after complete polymerization, is characterized by:
- ***exceptional colour retention (xenon test);***
- ***exceptional gloss retention (xenon test);***
- ***excellent resistance to impacts, abrasion and scratches;***
- ***excellent resistance to corrosion (salt spray).***

FINISHES/*Solvent-based products*

Polyacrylic

CATEGORY — *ACRYLIC*
MIROMIX TINTING SYSTEM — *YES*
APPEARANCE — *GLOSSY/SEMI GLOSSY/MATT*
APPLICATION — *IRON/GALVANIZED/ALUMINIUM*
CATALYSIS — *YES*

Two-component, non-yellowing, polyol-based, acrylic-hydroxy-latin finish. Catalyzed with an aliphatic isocyanate hardener, the product has exceptional light stability without yellowing or loss of gloss. The coating, after complete polymerization, is characterized by:
- ***exceptional colour retention (xenon test);***
- ***exceptional gloss retention (xenon test);***
- ***excellent resistance to impacts, abrasion and scratches;***
- ***excellent resistance to corrosion (salt spray).***

Polilux

CATEGORY — *POLYURETHANE*
MIROMIX TINTING SYSTEM — *NO*
APPEARANCE — *GLOSSY*
APPLICATION — *FIRST*
CATALYSIS — *YES*

Two-component finish based on non-yellowing hydroxylated polyols.
After hardening, the film has a glossy appearance with excellent chemical resistance (acids, alkalis, oils, petrol, etc.), mechanical resistance, abrasion resistance and scratch resistance. Exceptional colour fastness and gloss. Complete hardening occurs in approximately 15 days, after which complete chemical and mechanical resistance will be achieved.
The high chemical and mechanical resistance of the dried film makes the product suitable for painting items that must withstand frequent washing with water and/or detergents, for painting parts that may come into contact with lubricating oils, solvents or fuels.

Epomir

CATEGORY ____ *EPOXY*
MIROMIX TINTING SYSTEM ____ *YES*
APPEARANCE ____ *GLOSSY/SEMI GLOSSY/MATT*
APPLICATION ____ *IRON/GALVANIZED/ALUMINIUM*
CATALYSIS ____ *YES*

Two-component epoxy finish with medium-high dry residue formulated with epoxy resins and polyamide hardeners.
The coating, after complete polymerization, is characterized by:
- ***excellent barrier effect;***
- ***excellent resistance to condensation;***
- ***good chemical resistance;***
- ***excellent resistance to impacts and abrasion;***
- ***excellent adhesion on various types of substrates (steel, galvanized steel, stainless steel, aluminum and plastic).***

Sintodur

CATEGORY ____ *SYNTHETIC*
MIROMIX TINTING SYSTEM ____ *YES*
APPEARANCE ____ *GLOSSY/SEMI GLOSSY/MATTE*
APPLICATION ____ *IRON*
CATALYSIS ____ *NO*

Synthetic finish suitable for brush application, single component, medium dry residue.
The coating after complete hardening has excellent adhesion and elasticity.

FINISHES/*Solvent-based products*

Epoxydrol

CATEGORY *EPOXY*
MIROMIX TINTING SYSTEM *NO*
APPEARANCE *OPAQUE*
APPLICATION *ALL SURFACES*
CATALYSIS *YES*

Two-component, water-dilutable epoxy rust inhibitor based on zinc phosphate with a maximum VOC content of less than 140 g/l.
EPOXIDROL AR GIALLO FZn has excellent direct adhesion on steel, galvanized sheet metal, stainless steel and light alloys. After hardening, the film is perfectly sandable, hard and elastic and guarantees excellent chemical and mechanical resistance and long-lasting protection against corrosion.

Hydralpox AR

CATEGORY *EPOXY*
MIROMIX TINTING SYSTEM *NO*
APPEARANCE *OPAQUE*
APPLICATION *ALL SURFACES*
CATALYSIS *YES*

Two-component water-soluble epoxy rust inhibitor formulated with special corrosion inhibitors. After hardening, the film has a matt, hard and elastic appearance and has excellent adhesion on practically all surfaces (iron,
• excellent barrier effect;
stainless steel, etc.) with excellent chemical and mechanical resistance.

The coating, after complete polymerization, is characterized by:

• excellent resistance to continuous condensation;
• excellent resistance to neutral salt spray;
• exceptional grip.

Hydroacrylic AR

CATEGORY *ACRYLIC*
MIROMIX TINTING SYSTEM *YES*
APPEARANCE *OPAQUE*
APPLICATION *IRON*
CATALYSIS *NO*

Single-component water-soluble acrylic rust inhibitor with zinc phosphate. After hardening, the film has a matt, hard and elastic appearance and has excellent adhesion on carbon steel, with good chemical and mechanical resistance.
The coating, after complete hardening, is characterised by:
• good barrier effect;
• good resistance to continuous condensation;
• excellent resistance to neutral salt spray.
The product is particularly suitable as an undercoat on carbon steel.

Hydromir

CATEGORY *ALKYD*
MIROMIX TINTING SYSTEM *YES*
APPEARANCE *GLOSSY/MATTE*
APPLICATION *IRON*
CATALYSIS *NO*

Single-component water-based alkyd finish. After hardening, the film has a semi-gloss, hard and elastic appearance and has excellent adhesion on carbon steel, with good chemical and mechanical resistance.
The coating, after complete hardening, is characterized by:
• good barrier effect;
• good resistance to continuous condensation.

Hydroacrylic

CATEGORY *ACRYLIC*
MIROMIX TINTING SYSTEM *YES*
APPEARANCE *GLOSSY/SEMI GLOSSY/MATTE*
APPLICATION *ALL SURFACES*
CATALYSIS *NO*

Single-component water-based acrylic finish with zinc phosphate. After hardening, the film has a matt, hard and elastic appearance and has excellent adhesion on carbon steel, with good chemical and mechanical resistance.
The coating, after complete hardening, is characterised by:

• good resistance to continuous condensation;
• excellent resistance to neutral salt spray.

Hydroacrylic fast

CATEGORY ACRYLIC
MIROMIX TINTING SYSTEM YES
APPEARANCE GLOSSY/MATTE
APPLICATION ALL SURFACES
CATALYSIS NO

Single-component, quick-drying, water-based finish based on acrylic resins. After hardening, the film is hard and elastic and has excellent colour fastness and gloss. IDROACRIL FAST is particularly suitable for finishes where extremely short drying times are required.

Hydralpox

CATEGORY EPOXY
MIROMIX TINTING SYSTEM NO
APPEARANCE GLOSSY/SEMI GLOSSY/MATTE
APPLICATION ALL SURFACES
CATALYSIS YES

Two-component water-based epoxy anti-rust formulated with special corrosion inhibitors. After hardening, the film is hard and elastic and has excellent adhesion to practically all surfaces (iron, stainless steel, etc.) with excellent chemical and mechanical resistance.

The product complies with the provisions of Legislative Decree 161/2006.

The coating, after complete polymerization, is characterized by:

- *excellent barrier effect;*
- *excellent resistance to continuous condensation;*
- *excellent resistance to neutral salt spray;*
- *exceptional grip.*

The product is particularly suitable as an undercoat on a variety of surfaces such as: iron, stainless steel, galvanized sheet metal, aluminum.

Polyhydrol

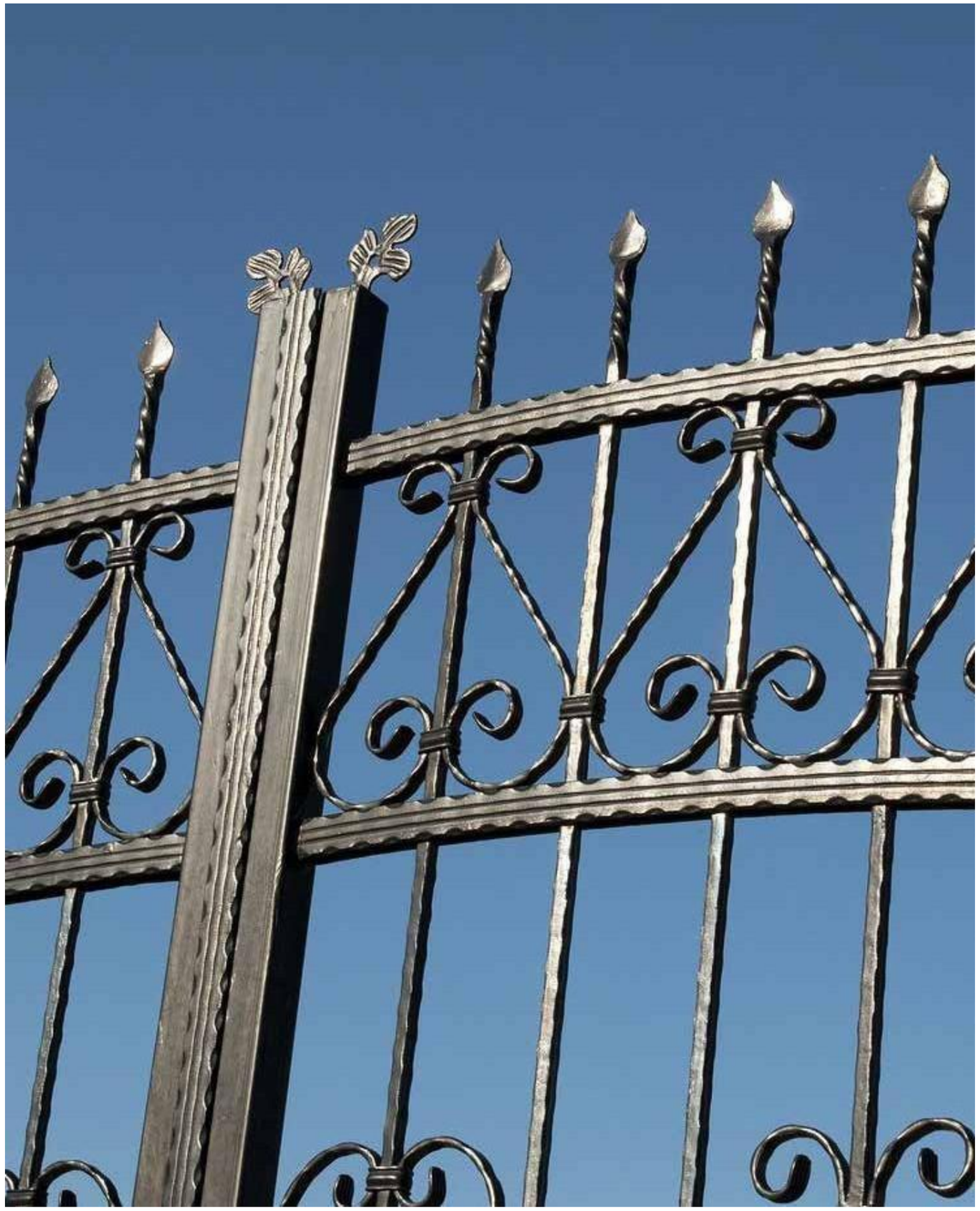
CATEGORY ACRYLIC
MIROMIX TINTING SYSTEM YES
APPEARANCE GLOSSY/SEMI GLOSSY/MATTE
APPLICATION ALL SURFACES
CATALYSIS YES

Two-component water-soluble finish based on hydroxyl acrylic resins. The product complies with the provisions of Legislative Decree 161/2006.

Excellent resistance to neutral salt spray. After hardening, the film has excellent resistance to atmospheric agents and scratches. The product has exceptional colour fastness and gloss. The high chemical and mechanical resistance of the dried film makes the product suitable for painting items that must withstand frequent washing with water and/or detergents, for painting parts that may come into contact with lubricating oils, solvents or fuels.

THERMOSETTING PRODUCTS

These are lamellar structure paints whose pigmentation based on ferromicaceous oxides, in addition to an exceptional anti-corrosive protection, gives the product a pleasant antique wrought iron effect. To meet the different needs of the applicator, in the Miromix tinting system, three families of ferromicaceous finishes are available:Polyacrylic, Sintodur and Mirosint.



Solvent-based thermodur

CATEGORY	*MELAMINE*
MIROMIX TINTING SYSTEM	*YES*
APPEARANCE	*GLOSSY/SEMI GLOSSY*
APPLICATION	*IRON*
CATALYSIS	*NO*

Single-component finish, oven-dries at 140° for 20 minutes.

After hardening, the film is characterised by excellent adhesion, impact resistance and abrasion resistance.

Water-based thermodur

CATEGORY	*MELAMINE*
MIROMIX TINTING SYSTEM	*YES*
APPEARANCE	*GLOSSY/SEMI GLOSSY*
APPLICATION	*IRON*
CATALYSIS	*NO*

Single-component, oven-dried finish characterised by excellent adhesion, impact and abrasion resistance.

Epomir organic zinc

CATEGORY *EPOXY*

MIROMIX TINTING SYSTEM *NO*

APPEARANCE *OPAQUE*

APPLICATION *IRON/GALVANIZED/LIGHT ALLOYS*

CATALYSIS *YES*

Two-component epoxy coating with high metallic zinc content, formulated with special epoxy resins and polyamide hardeners.
The coating, after complete polymerization, is characterized by:
- ***excellent corrosion resistance (salt spray);***
- ***excellent resistance to condensation (humidity chamber) and prolonged immersion;***
- ***excellent resistance to impacts and abrasion.***

The product is used for the electrochemical protection of iron structures in sectors where high performance anti-corrosion resistance is required such as industrial and/or marine environments.
The product can also be applied as a finishing coat where there are no particular aesthetic requirements.

Myrozinc

CATEGORY *INORGANIC ZINC*

MIROMIX TINTING SYSTEM *NO*

APPEARANCE *OPAQUE*

APPLICATION *IRON/GALVANIZED/LIGHT ALLOYS*

CATALYSIS *YES*

Two-component inorganic zinc based on ethyl silicates with a high metallic zinc content. MIROZINC is indicated in cycles where high resistance to corrosion and temperature is required (continuous operation up to 400°C), suitable for direct contact with petroleum derivatives and organic solvents (provided they are anhydrous). MIROZINC is suitable for application both on painting systems and on construction sites.

Epomir zinc monocomponent

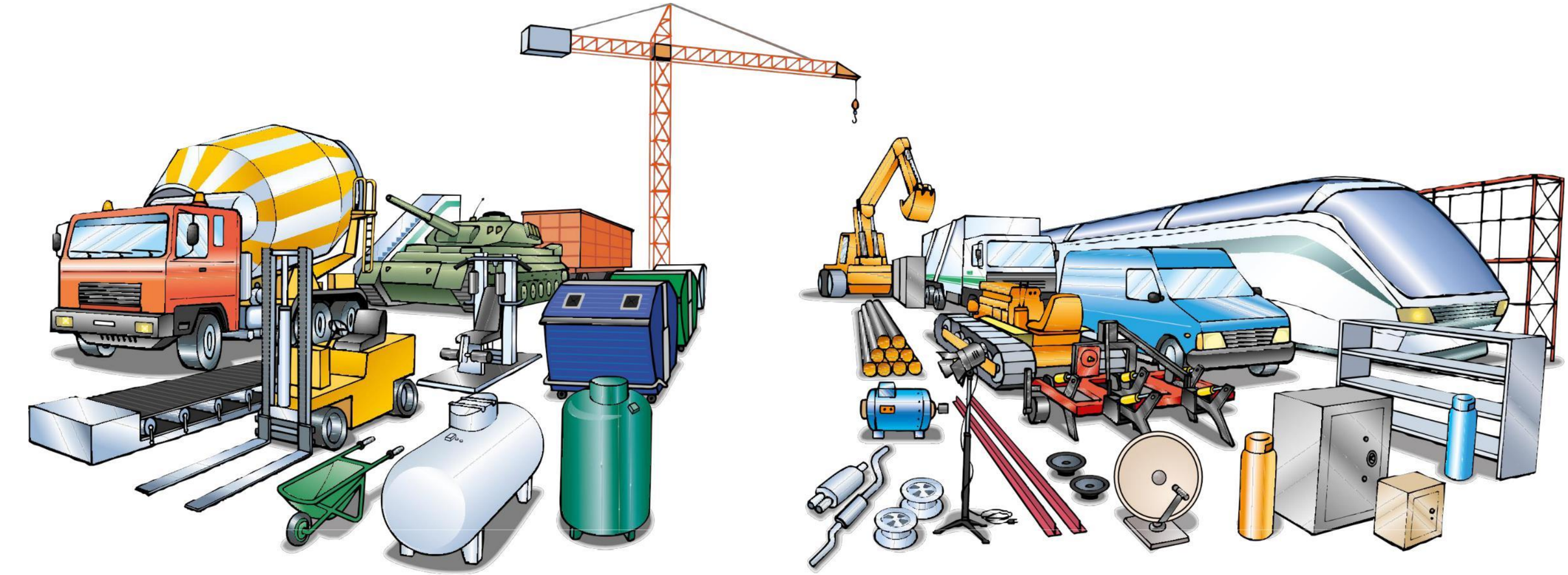
CATEGORY	*EPOXY*
MIROMIX TINTING SYSTEM	*NO*
APPEARANCE	*OPAQUE*
APPLICATION	*IRON/GALVANIZED/LIGHT ALLOYS*
CATALYSIS	*NO*

Single-component epoxy zinc with a high content of metallic zinc. The product dries quickly by evaporation of solvents alone, which allows the painted surfaces to be handled after a short time.
The coating, after complete hardening, is characterised by:
• excellent corrosion resistance (salt spray);
• good resistance to impact and abrasion.
The product is used for the electrochemical protection of iron structures in sectors where high performance anti-corrosion resistance is required such as industrial and/or marine environments.

BTS Epomir

CATEGORY	*EPOXY*
MIROMIX TINTING SYSTEM	*NO*
APPEARANCE	*GLOSSY*
APPLICATION	*SANDBLASTED IRON*
CATALYSIS	*YES*

Two-component high solid epoxy polyamine coating. The product complies with the provisions of Ministerial Decree 6 April 2004, n.174 (materials and objects that can be used in fixed systems for the collection, treatment, supply and distribution of water intended for human consumption) and is formulated to allow the application of single-coat thicknesses of up to 350 microns wet with perfect resistance to dripping. The correctly applied and hardened product has a low friction coefficient.
After complete polymerization, it is characterized by:
• excellent resistance to corrosion (salt spray);
• excellent resistance to condensation (humidity chamber);
• exceptional resistance to continuous immersion in water.



Epomir BTS PS/1

CATEGORY _____ *EPOXY*
MIROMIX TINTING SYSTEM _____ *NO*
APPEARANCE _____ *GLOSSY*
APPLICATION _____ *SANDBLASTED IRON*
CATALYSIS _____ *YES*

Epoxy coating with very high solid content that acts as a primer and finish. It hardens cold and hot with an amine hardener and after polymerization has a hard surface that is resistant to impacts and abrasion. The product is applied by airless spray on metal surfaces sandblasted to Sa 2½; it is possible to apply thicknesses of up to 1,000 microns in a single coat without sagging.
The coating, after complete polymerization, is characterized by:
- ***exceptional corrosion resistance in freshwater, saltwater and burial;***
- ***exceptional resistance to corrosion and atmospheric agents;***
- ***excellent resistance to impacts and abrasions;***
- ***excellent mechanical resistance to internal tank pressure up to 10 bar;***
- ***exceptional grip;***
- ***excellent resistance to transverse electrical insulation (UNI 9782);***
- ***excellent resistance to cathodic disbonding;***
- ***exceptional dielectric continuity (DIN 30670 – DIN 30672 – UNI 5256).***

The use of EPOMIR BTS PS/1 is recommended in sectors where long-lasting coatings compliant with the DIN 30671 STANDARD are required.

NO-TOX Epoxy Tar

CATEGORY _____ *EPOXY*
MIROMIX TINTING SYSTEM _____ *NO*
APPEARANCE _____ *GLOSSY*
APPLICATION _____ *SANDBLASTED IRON*
CATALYSIS _____ *YES*

Two-component epoxy coating with high dry residue formulated with special epoxy resins
modified with accelerated amine plasticizers and hardeners. The product is formulated with substances that do not carry the toxicity symbol according to 67/548/EEC and subsequent amendments. The formulation guarantees excellent barrier protection that ensures high resistance to corrosion even in severe operating conditions. The product allows for the application of single-coat thicknesses of up to 1 mm without sagging. The product is suitable for uses not regulated by Legislative Decree 161/2006.
After complete polymerization, it is characterized by:
- ***excellent resistance to corrosion (salt spray);***
- ***excellent resistance to condensation (humidity chamber);***
- ***exceptional resistance to continuous immersion in water;***
- ***excellent resistance to impacts and abrasion.***

Epomir DP

Solvent-free, two-component epoxy coating (>99.0% ASTM D2369 - 2003) formulated for general purpose applications
single coat, up to over 500 microns, without dripping. After complete polymerization, the coating provides an effective and long-lasting barrier effect and anti-corrosion protection. Applicable by airless spray (possibly bi-mix) directly on sandblasted steel.
The product complies with the DIBt requirements regarding prolonged contact with fuels and solvents according to the approval basis "Internal coating for steel tanks, version July 2005".
The coating, after complete polymerization, is characterized by:
- ***excellent corrosion resistance in fresh and salt water;***
- ***excellent resistance to corrosion and atmospheric agents;***
- ***excellent resistance to impacts and abrasions;***
- ***excellent grip;***
- ***excellent chemical resistance;***
- ***excellent dielectric continuity (DIN 30670 – DIN 30672 – UNI 5256);***
- ***excellent resistance to cathodic disbonding.***

Epomir DP/TIX

Two-component solvent-free epoxy coating (> 99.9% ASTM D2369 - 2003) formulated for single-coat applications, up to over 2,500 microns, without sagging. After complete polymerization, the coating provides an effective and long-lasting barrier effect and anti-corrosive protection. Applicable by airless spray (possibly bi-mix) directly on sandblasted steel. The product complies with the DIBt requirements regarding prolonged contact with fuels and solvents according to the approval basis "Internal coating for steel tanks, July 2005 version".
The coating, after complete polymerization, is characterized by:
- ***excellent corrosion resistance in fresh and salt water;***
- ***excellent resistance to corrosion and atmospheric agents;***
- ***excellent resistance to impacts and abrasions;***
- ***excellent grip;***
- ***excellent chemical resistance;***
- ***excellent dielectric continuity (DIN 30670 – DIN 30672 – UNI 5256);***
- ***excellent resistance to cathodic disbonding.***

Epomir DP putty

Two-component solvent-free epoxy filler (> 99.9% ASTM D2369 - 2003) formulated for filling and direct repairs on metal and EPOMIR DP/TIX. After complete polymerization, the coating provides an effective and long-lasting barrier effect and anti-corrosion protection. Applicable directly on sandblasted steel or after preparation on hardened paint.
The product complies with the DIBt requirements regarding prolonged contact with fuels and solvents according to the approval basis "Internal coating for steel tanks, version July 2005".

Epofuel HR

Two-component solvent-free epoxy-phenolic coating formulated for single-coat applications, up to over 1,000 microns, without sagging. After complete polymerization the coating has a shiny and smooth appearance, provides an effective and long-lasting barrier effect and anti-corrosive protection with good resistance to a wide range of chemicals and solvents. Applicable by airless spray (possibly bi-mix) directly on sandblasted steel.
Meets the requirements of the EI1541 standard (coatings of tanks and pipes for the containment of aviation fuel).

TANK VITRIFICATION/*Anti-corrosion*

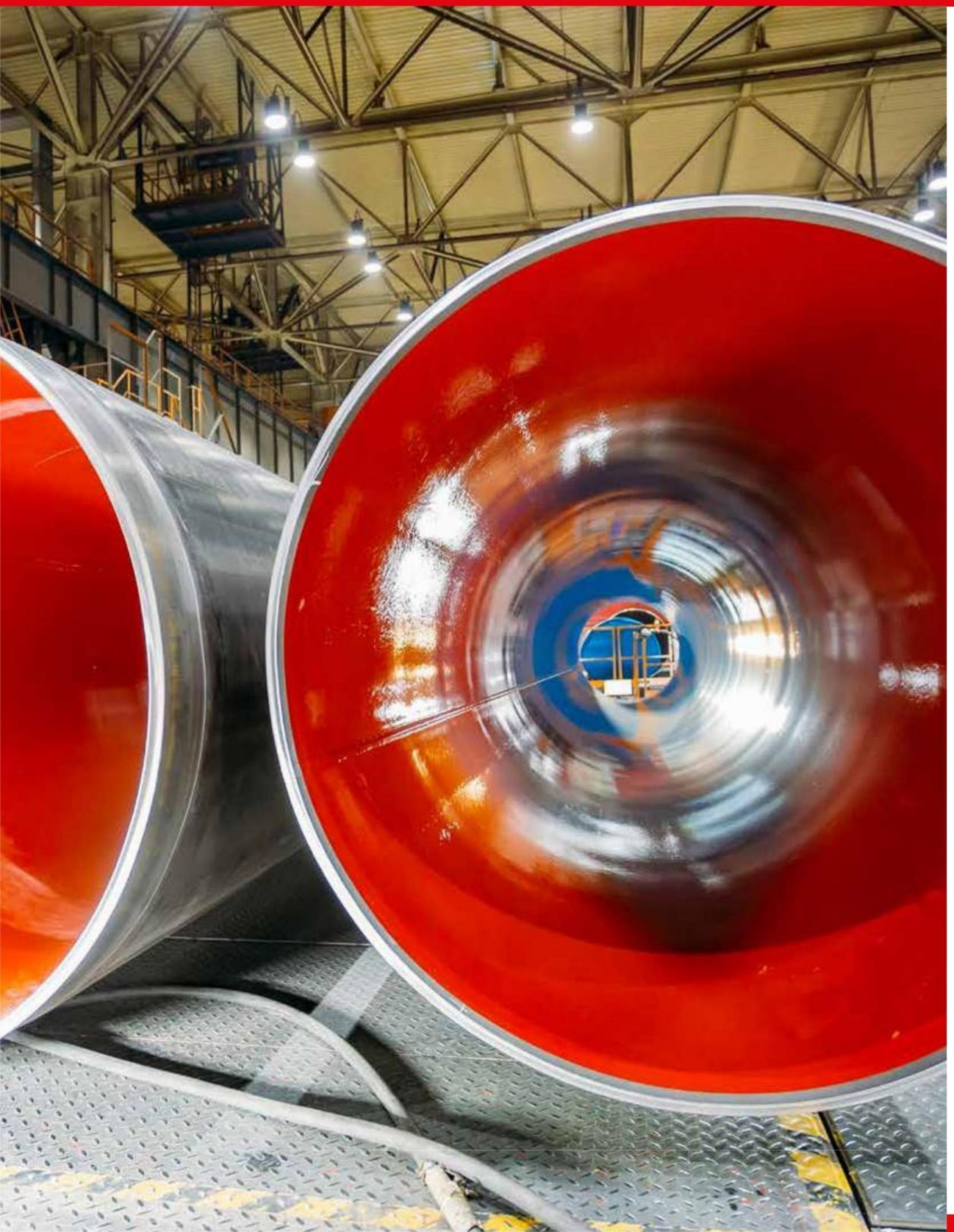
Epofuel UHR

Two-component solvent-free novolac epoxy-phenolic coating formulated for single-coat applications, up to over 1,000 microns, without sagging. After complete polymerization, the coating has a shiny and smooth appearance, provides an effective and long-lasting barrier effect and anti-corrosive protection with good resistance to a wide range of chemicals and solvents. Applicable by airless spray (possibly bi-mix) directly on sandblasted steel.
Meets the requirements of the EI1541 standard (coatings of tanks and pipes for the containment of aviation fuel).
The coating, after complete polymerization, is characterized by:
- ***excellent corrosion resistance in fresh and salt water;***
- ***excellent resistance to corrosion and atmospheric agents;***
- ***excellent resistance to impacts and abrasions;***
- ***excellent grip;***
- ***exceptional chemical resistance to continued contact with fuels such as petrol and diesel;***
- ***excellent dielectric continuity (DIN 30670 – DIN 30672 – UNI 5256);***
- ***excellent resistance to cathodic disbonding.***

Epomir cond

Two-component epoxy coating formulated for antistatic applications.
The coating, after complete polymerization, is characterized by:
- ***excellent corrosion resistance in fresh and salt water;***
- ***excellent resistance to corrosion and atmospheric agents;***
- ***excellent resistance to impacts and abrasions;***
- ***excellent grip;***
- ***excellent chemical resistance;***
- ***electrically conductive with leakage and through resistance < 1 X 108 Ohm***

Chemical resistances are achieved after complete hardening of the film, which occurs approximately 7 days after application of the coating at 23°C.



Epomir PTG

Epoxy coating with high solids content by weight (98%) for the internal painting of gas transport pipes.
During application EPOMIR PTG releases almost zero solvent vapours into the environment to address the increasingly pressing problems of VOC (volatile organic compound) emissions in the workplace.
EPOMIR PTG is approved GAZPROM, C4Gas and SNAM specifications and complies with UNI EN 10301:2003, ISO 15741:2001 and API RP5 L2 specifications (including 100% methanol and 100% triethylene glycol 168h immersion test).
EPOMIR PTG after complete polymerization has a glossy appearance with a specular brightness ≥ 90 gloss according to ASTM D523 and a perfectly smooth and compact surface (almost total absence of holes), with an average roughness of Rz <3.5 microns. This feature reduces friction and helps the passage of gas by reducing turbulence, increasing the gas flow inside the pipeline.

Epomir PTG 2.0

Epoxy coating with high solids content by weight (98%) for the internal painting of gas transport pipes. It has the same characteristics as EPOMIR PTG in terms of emissions during application. EPOMIR PTG 2.0 after complete polymerization has a glossy appearance with a specular gloss ≥ 70 gloss according to EN ISO2813: 2014 and a perfectly smooth and compact surface (almost total absence of holes), with an average roughness of Rz <3.5 microns. This function reduces friction and helps the passage of gas by reducing turbulence, increasing the flow of gas inside the pipeline.

Epomir AR red

CATEGORY _____ EPOXY
MIROMIX TINTING SYSTEM _____ NO
APPEARANCE _____ OPAQUE
APPLICATION _____ IRON/STAINLESS STEEL/ALUMINIUM
CATALYSIS _____ YES

Zinc phosphate anti-rust epoxy primer formulated with epoxy resins and special polyamine hardeners. The product is qualified by the Italian Ministry of Defense.

Myrosint IR(green black brown)

CATEGORY _____ ALKYD
MIROMIX TINTING SYSTEM _____ NO
APPEARANCE _____ OPAQUE
APPLICATION _____ IRON
CATALYSIS _____ NO

Coating based on fast-drying synthetic resins and special IR-reflecting pigments. The product is qualified by the Italian Ministry of Defense.

Polydur IR(green black brown)

CATEGORY _____ POLYURETHANE
MIROMIX TINTING SYSTEM _____ NO
APPEARANCE _____ OPAQUE
APPLICATION _____ ABOUT PRIMER
CATALYSIS _____ YES

Coating based on hydroxylated resins and special IR-reflecting pigments, to be cross-linked with isocyanate hardener.
The product is qualified by the Italian Ministry of Defense.

HS Acrylic Primer

CATEGORY ACRYLIC
MIROMIX TINTING SYSTEM NO
APPEARANCE OPAQUE
APPLICATION IRON/STAINLESS STEEL/ALUMINIUM
CATALYSIS YES

Two-component acrylic primer with high dry residue. The product is very versatile as it can be used as a High Filling Primer (5:1 approximately 80 microns per coat), Filler (5:1:0.5 approximately 60 microns per coat), Insulator (5:1:1 approximately 35 microns per coat). The product is suitable for uses regulated by Legislative Decree 161/2006 (European Directive 2004/42/CE), IIB (C) (540) 535.

Plastic Primer

CATEGORY ACRYLIC
MIROMIX TINTING SYSTEM NO
APPEARANCE OPAQUE
APPLICATION PLASTIC
CATALYSIS YES

Primer with undercoat characteristics to be used wet on wet with solvent-based finishes. It is generally applied as an intermediate coat after a first coat of Epoxy Primer. It acts as an anchor and completely eliminates the absorption of finishing enamels. It has excellent direct anchoring on plastics such as ABS and PA. It is always recommended to perform an anchoring test before carrying out the complete painting.

HS Acrylic Clear

CATEGORY ACRYLIC
MIROMIX TINTING SYSTEM NO
APPEARANCE GLOSSY
APPLICATION IRON
CATALYSIS YES

Two-component acrylic clearcoat with high dry residue. Excellent filling power, expansion, brilliance and hardness combined with high resistance to light and atmospheric agents. It is used for "Double Layer" finishes both on matt metallic bases and on matt or pearly effect pastel bases.

MS Acrylic Clear

CATEGORY ACRYLIC
MIROMIX TINTING SYSTEM NO
APPEARANCE GLOSSY
APPLICATION IRON
CATALYSIS YES

Two-component acrylic clearcoat with medium solids. Excellent expansion, brilliance and hardness combined with high resistance to light and atmospheric agents. It is used for "Double Layer" finishes both on matt metallic bases and on matt or pearly effect pastel bases.

Epomir fixative

CATEGORY _____ EPOXY
MIROMIX TINTING SYSTEM _____ NO
APPEARANCE _____ OPAQUE
APPLICATION _____ CEMENT
CATALYSIS _____ YES

Epoxy polyamide fixative with high chemical resistance.
The product is a transparent, slightly amber liquid.
The product is used as a structuring fixative, dust-proof impregnator and waterproofer for concrete products in general, including concrete floors.
The product can be applied using traditional painting systems such as airless, airmix, roller or brush.

Mirogum for swimming pools

CATEGORY _____ MODIFIED ALKYD
MIROMIX TINTING SYSTEM _____ YES
APPEARANCE _____ SEMI GLOSSY
APPLICATION _____ CEMENT
CATALYSIS _____ NO

Semi-gloss chlorinated rubber finish for new or already painted pools. The ready-to-use product complies with the provisions of Legislative Decree 161/2006.
The product can be applied with a roller or with painting systems such as airless or airmix.

PRODUCTS FOR FLOORS AND POOLS

Polyfloor

CATEGORY _____ POLYURETHANE
MIROMIX TINTING SYSTEM _____ YES
APPEARANCE _____ GLOSSY
APPLICATION _____ CEMENT
CATALYSIS _____ YES

Glossy polyurethane finish for industrial flooring.
After hardening the film has a shiny, hard and elastic appearance with an exceptional impermeability to water. The dried film has excellent chemical and mechanical resistance.
POLIFLOOR LUCIDO is suitable for painting internal floors in new or already painted concrete.
The product is formulated for roller application, but can also be applied with an airless or airmix system.

Anti-graffiti Polidur

CATEGORY _____ *POLYESTER*

MIROMIX TINTING SYSTEM _____ *NO*

APPEARANCE _____ *GLOSSY/SEMI-GLOSSY*

APPLICATION _____ *IRON/CEMENT*

CATALYSIS _____ *YES*

Polyester enamel with high chemical resistance.
The high chemical and mechanical resistance of the dried film makes the product suitable for painting items that must withstand frequent washing with water and detergents, in particular for anti-graffiti painting, for painting parts that may come into contact with lubricating oils, solvents or fuels.

Due to its high quality, the product is suitable for external painting of artefacts requiring exceptional colour stability and gloss.

Catalysts

EPOXY CATALYST
Concentrate - Use: Epomir
EPOXY CATALYST ***Medium***
Concentration - Use: Epomir
EPOXY CATALYST ***Low***
Concentration - Use: Epomir
EPOXY CATALYST ***Use:***
Epoxidrol Water
ALIPHATIC CATALYST
Concentrated
Use: Polidur - Poliacril for outdoor
ALIPHATIC CATALYST
Standard
Use: Polidur - Poliacril for outdoor
ALIPHATIC CATALYST
Quick - Use: Polidur
Poliacril for exterior
ALIPHATIC CATALYST
Extra Fast - Use: Polidur
Poliacril for exterior
ALIPHATIC CATALYST ***Use:***
Polidur
Poliacril for exteriors VOC 2010
HS ALIPHATIC CATALYST
Use: Polidur
Poliacril for exteriors VOC 2010
ALIPHATIC CATALYST ***Use:***
Polilux for exterior
MIXED CATALYST
Use: Polidur
Polyacrylic for interior / exterior
MIXED CATALYST
Use: Polidur - Polyacrylic for interior
ALIPHATIC CATALYST ***Use:***
Polidrol

Thinners

DILUENT
Use: Termodur
DILUENT
Use: Termodur
DILUENT
Use: Miroloid - Mirosint
DILUENT
Use: Miroloid
DILUENT
Use: Epomir CC
Epoxy Tar Primer One-Component
DILUENT
Use: Mirosint - Mirosint AG
Mirosint AS - Miroloid (winter)
CATALYST THINNER
Use: Miroloid CC
DILUENT
Use: Polidur - Polilux
Poliacril (winter)
DILUENT
Use: Polidur - Polilux
Poliacril (winter)
DILUENT
Use: Polidur - Polilux
Poliacril (summer)
DILUENT
Use: Sintodur
DILUENT
Use: Mirosint - Mirosint AG
Mirosint AS - Miroloid (summer)
DILUENT
Job: Epomir BTS

Additives

SLOWING ADDITIVE 9106 ***Use:***
Mirosint - Polidur slowing agent
SLOWING ADDITIVE 7146
Use: Epomir slowing down
Accelerating ADDITIVE 4115
Use: Polidur accelerator
ANTI-BUBBLE ADDITIVE 7055 ***Use:***
Anti-bubble Mirosint - Polidur

TINTOMETRY

Tintometry

Industrial Tinting SystemsMiromix solventAndMiromix Watermeet all the needs of the industrial user of paint products and have been developed by Mirodur with converters and color pastes of its own production. The latter are formulated with a high color concentration and are characterized by stability to sedimentation, flocculation and flame. Thanks to the formulation software it is possible to reproduce approximately 4000 colors in all versions, with the same technical and quality characteristics of the products obtained at the Mirodur plant, all respecting the VOC limits of DL 161/2006 (directive 2004/42/CE).
The complete and easy-to-use Miromix software allows you to formulate and dispense, store sample dyes, manage prices per kg or litre, print labels with hazard classifications, technical data sheets and safety data sheets.
The colorimeter allows users to quickly fulfill orders in large and small batches.

Coloring pastes

Titanium
Black for painting
Deep black
Oxide yellow
Organic light yellow
Lemon yellow
Oxide red
Scarlet red
Bright red
Amaranth red
Phthalocyanine blue
Organic Orange
Phlocyanin Green
Quinacridone purple
Violet
Fine grain aluminum
Coarse grain aluminum
Magnum grain aluminum
Texturizing
Mattifying
Neutral

Converters

Funds and anti-rust
Quick-drying rust preventer
Quick-drying primer Synthetic

brush-on rust preventer Epoxy rust preventer
Epoxy primer

Polyurethane finishes
Extra glossy polyurethane
Matt polyurethane
Embossed polyurethane

Acrylic finishes
Extra glossy acrylic
Opaque acrylic

Quick drying finishes
RE extra shiny
RE industrial glossy
Semi-gloss RE
RE anti-drop glossy

Nitro and nitro-synthetic finishes
Glossy nitro-synthetic
Matte nitro-synthetic
Nitro Gloss
Matte Nitro

Chlorinated rubber finishes
Glossy chlorinated rubber
Opaque chlorinated rubber
Chlorinated rubber for swimming pools

Synthetic brush finishes
Glossy synthetic
Synthetic satin

Epoxy finishes
Extra Gloss Epoxy
Gloss Epoxy
Semi-gloss epoxy
Glossy embossed epoxy
Matt embossed epoxy

Ferromicaceous finishes
Coarse grain acrylic
Fine grain acrylic
RE coarse grain
RE fine grain
Synthetic coarse grain
Synthetic fine grain

Thermosetting finishes


UNIGREEN


OIL LEVEL

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