

Industrial Corrosion Protection

Coat for Every Industry!

We believe in the harmony between technology, industry, hard work, continuous improvement and growth.

B-Team Corrosion Protection offers complete services and materials specializing in corrosion protection for every industry. Direct experience in providing corrosion protection ensure the most efficient technical solutions and premium products, consistent with customers' requirements and needs.

We offer complete systems based on rubber lining coatings, synthetic resins, antiacids bricks and sandstone, special mortars and screeds, industrial flooring, antiacid paint and plastic components. Antacid products can be used in the most severe chemical, thermal and mechanical conditions, while maintaining quality and performance standards of the industry.

We continuously evaluate all features related to safety, functionality, usability, durability and cost. B-Team Corrosion Protection specialists choose for you the most appropriate materials systems and application techniques, based on comprehensive individual analysis of the individual conditions of your installation (media compositions, concentrations, temperatures).

In Romania and other European countries of the European Union, B-Team Corrosion Protection applied:

- Over 30,000 sqm rubber lining
- Over 20,000 sqm other corrosion protection



Rubber linings for corrosion protection

For corrosion protection in process industries where the greatest chemical, thermal and mechanical resistance is demanded we recommend you CHEMOLINE soft rubber lining systems and CHEMONIT hard rubber lining systems.

The principal benefits of rubber lining:

- Excellent resistance to corrosive and abrasive chemicals and materials
- Electrical and thermal insulation and product protection
- Extend equipment life

CHEMOLINE

The CHEMOLINE product line is based on high-quality rubber types and mixtures that cover a great diversity of applications in environmental protection and in the process industries.

CHEMOLINE soft rubber lining systems are suitable for use in environmental protection and in process industries where the greatest chemical, thermal and mechanical resistance is demanded.

CHEMONIT

Non-vulcanised CHEMONIT hard rubber lining systems are based on high-quality synthetic and natural rubbers of the most advanced kind.

They are suitable for applications in the process industry at temperatures of up to 125° C.

Outstanding chemical resistance against mineral acids, bases, organic solvents and aqueous phases.



Synthetic resins coat

We recommend you epoxy resin, fiberglass resin, phenolic resin, acrylic resin, polyurethane resin to ensure effective corrosion protection of metallic components against aggressive media under immersion condition. They are used to protect both metal and concrete surfaces against corrosion and abrasive media at high temperature conditions.

The advantages of synthetic resin coating:

- Permanent chemical resistance and imperviousness
- Permanent thermal stability
- Permanent mechanical load-bearing capacity
- High resistance to chemical stresses
- Adhesion to substrate (steel, concrete)
- Anti-adhesion and decontamination properties

Coroflake

Offer exceptionally good resistance against most solvents, organic and inorganic acids as well as alkaline media, together with extraordinary high resistance to temperature.

Remacoat

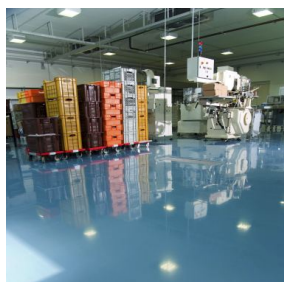
Are particularly distinguished by excellent resistance to abrasion and wear, as well as broad chemical resistance. The extremely short curing times allow dramatic reduction of installation downtimes.

Coropur

Alongside the simplicity of application and their high tolerance to moisture, COROPUR coatings feature a combination of great surface strength with high elasticity, and so ensure long-term corrosion protection of steel component parts.

Lining

Topline lining system provides excellent crack bridging capabilities along with good general corrosion resistance for most conditions in chemical processes, like organic acids, bleaching lyes, sodium hydroxide and sodium hypochlorite.



Brick linings and tiling systems

You can successfully use acid bricks linings and tiling systems to ensure effective corrosion protection of installations and surfaces against chemical, mechanical and thermal stress. Brick linings, ceramic tiles and vinyl tiles offer abrasive wear protection and increase reliability.

B-Team Corrosion Protection apply acid-proof systems consisting of:

- Acid proof bricks and tiles with corresponding mortars
- Synthetic polymers lining type
- Special mortars and screeds

Offered acid-proof systems are recommended for use in heavy traffic conditions and intense wear. Acid proof bricks have different dimensions depending of the properties of the area of application (work environment, temperatures, traffic).



The advantages of brick linings and tiling systems:

- Highly resistant
- Reliable corrosion protection of surfaces
- Extended life
- Traffic and wear resistance
- Used in transition areas hot/cold and dry/wet

Specific applications:

- Storage Tanks
- Neutralization basins
- Pickling lines
- Autoclave
- Treatment plants

Special mortars and screeds

Special cement mortars and screeds are used together with antacids bricks in complete corrosion protection systems. Synthetic resin base mortars and screed floor are resistant to extreme chemical stress, protecting the surfaces for a long period of time.

Synthetic resin base mortars and screeds floor offered by B-Team Corrosion Protection are recommended as bedding, tiling, flooring and jointing compound which assure anticorrosion protection.

Thanks to their very good chemical properties, resistance to mechanical and thermal stresses, you can use our materials in high temperatures areas without any problems. Materials supplied provide significant productivity benefits on site in addition to enhanced surface quality

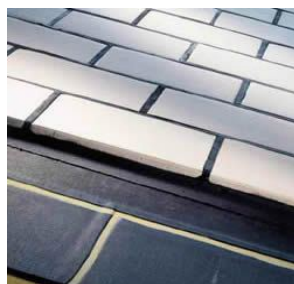
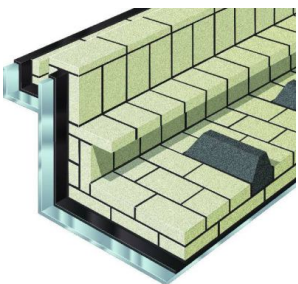
The advantages of special mortars and screeds synthetic resins:

- High chemical resistance to acids and alkalis
- Increased surface durability
- Resistance to abrasion

Based on your needs, B-Team Corrosion Protection specialist will provide you consultancy in choosing the best solution, special designed to meet your application.

Specific applications:

- Processing zones
- Under technological lines
- Support pumps
- Process equipments
- Compressors, tanks
- Autoclave
- Cooling towers



Industrial flooring

Industrial flooring linings based on synthetic resins from B-Team Corrosion Protection protect concrete substrates from corrosive attack, prevent penetration by chemicals and contribute to maintain the value of plant and storage areas.

Top-quality flooring is manufactured using resins based on polyurethane, epoxy, vinylester, unsaturated polyester and they have a very good resistance to mechanical (vibrations, transportation and handling), thermal and chemical stress.

Depending on environmental conditions we offer a harmonise system, with a variety of reinforcements and a very nice design.

Pardoselile industriale oferite sunt pe bază de rășini epoxidice (EP), rășini vinil esterice (VE), poliuretanică (PU), novolac vinil-ester, bisfenol vinil ester.



The advantages of flooring systems based on synthetic resins:

- Traffic and wear resistance
- Easy to maintain
- Easy to apply, without pores
- Resistance to aging
- Imperviousness to water vapour

Specific applications:

- Production areas
- Deposits
- Collection areas
- Industrial and civil construction



Plastics components

Plastics components We offer you plastic components (duroplastic and thermoplastic) with excellent chemical resistance to acids, alkalis, solvents and oxidizing agents, for chemical, energy, metalworking industries, or everywhere corrosion can impact metallic materials. In supplying thermoplastics and composite materials as well, we provide you with an individual and reliable solution, even for highly specialized problems.

The advantages of plastics components:

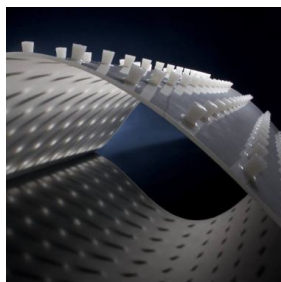
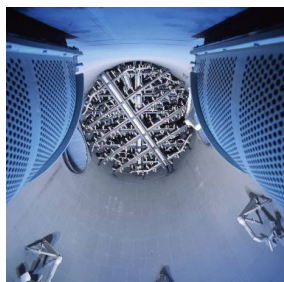
- Excellent chemical resistance
- Low specific gravity
- Great flexibility
- Great ease of assembly and installation
- Repair potential and suitability for extension work
- Long service life

Common applications of plastic components:

- Pipes
- Vessels
- Columns
- Scrubbers
- Tanks
- Absorption equipment
- Pickling tanks
- Flushing systems in the desulphurisation plant

Thermoplastic materials can be polypropylene (PP), polyethylene (PE), polyvinyl chloride (PVC), polyvinylidene fluoride (PVDF).

Duroplastic materials are manufactured from polyester resins or vinylester resins, reinforced with E-glass (alkali-free textile glass), with carbon or synthetic fibres.



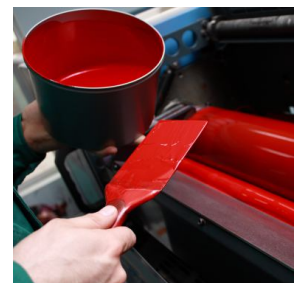
Acid Proof Paints

We offer you epoxy paint, floor paint, marine paint, special metal paint for rust prevention and corrosion protection. Anti Corrosive paints and industrial coatings provides outstanding resistance to corrosive chemicals and moisture, and can be used in a wide range of interior and exterior applications across many industries. Engineered for extremely harsh applications, these specially epoxy products stand up to severe chemical environments and highly abrasive production areas.

For those areas where high chemical and abrasion resistance is a must we recommend ceramic polymer protection system. These are two pack systems with special composite coating containing micro-ceramic particles, reinforcement, based on an ultra modern resin base, providing chemical resistance, corrosion and abrasion protection to a wide variety of substrates in extremely aggressive environments.

The advantages of anticorrosion paints:

- Chemical and thermal excellent resistance
- Easiest repairing
- Direct application on the substrate
- High savings on application costs
- High coverage



Applications

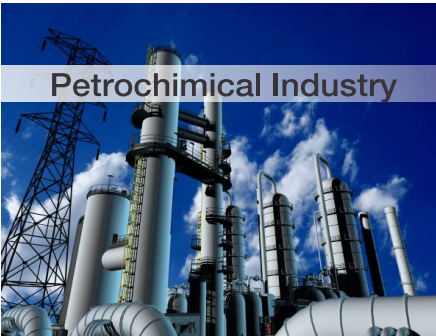
Energy Industry



Chemical Industry



Petrochemical Industry



Extractive industry



Paper and pulp industry



Metallurgical industry



Pharmaceutical Industry



Food Industry



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