

DRINKING WATER TANKS AND RESERVOIRS

A Vulmsidizol DW

Protective coating for concrete structures in contact with drinking water

Vulmsidizol DW is a two-component water-dilutable composition based on hydraulic binders, modifiers and fillers, formulated to provide a watertight insulating system. The product fills-in and seals pores and fissures up to a depth of 0.3 mm and provide perfect protection against the penetration of moisture, water, carbon dioxide, and is characterised by UV resistance.

Vulmsidizol DW is particularly suited for use in applications involving contact with drinking water, such as concrete drinking water tanks. The product is formulated for all concrete surfaces and areas exposed to extreme weather conditions, such as cement and lime-cement renderings, concrete, fibre cement boards and chlorine rubber paints, whose disinfection is done solely by way of chlorination.

Characteristics:

- suitability for contact with drinking water
- excellent colour shade retention and chalking resistance
- high resistance to water and chemicals
- possibility to re-coat old chlorine rubber paints
- simple cleaning and disinfection
- extended care intervals
- high resistance to chlorinated water and common pool cleaning detergents
- high water vapour permeability
- resistance to permanent water stress up to a temperature of 32 °C
- excellent dimensional stability

B Vulmsidizol DW SMART

Vulmsidizol DW SMART is a version of Vulmsidizol DW enriched by addition of a nanotechnology component that uniquely improves its properties and adds certain specific ones.

A particularly important point in tanks in contact with drinkable water is long-term water quality assurance. The function of Vulmsidizol DW SMART is sterilisation of inner surfaces of water reservoirs to avoid the need of disinfection with chlorine or other antimicrobial agents. The sterilisation process takes place continually, even without light.

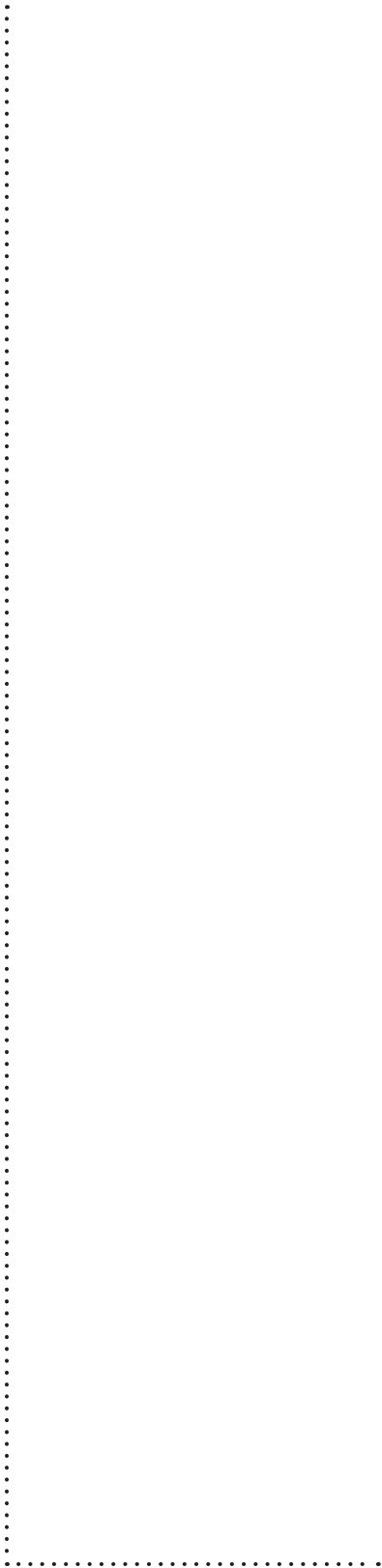
Characteristics of SMART coating:

- sterilises both the coated surfaces and adjacent areas
- the nanotechnology component is activated by normal daylight, without a need to use special lighting devices
- extends the life of the coat
- provides improved protection of materials
- has a self-cleaning effect which extends the colour retention time and ensures compliance with hygiene standards

RECOMMENDATION

Before using Vulmsidizol coatings, it is advisable to apply **Vulmpropen**, our highly efficient penetrating coating. Vulmpropen will add a uniform absorbing capacity to porous materials, reduce the formation of fissures in the surface finish of structural parts and improve adhesion of further coating layers, while reducing the quantities used.





COATINGS FOR CONCRETE STRUCTURES IN CONTACT WITH SERVICE WATER

A Vulmsidizol TW

Protective coating for concrete structures in contact with service water

Vulmsidizol TW is a two-component water-dilutable composition based on hydraulic binders, modifiers and fillers, formulated to provide a watertight insulating system. The product fills-in and seals pores and fissures up to a depth of 0.3mm and provides perfect protection against the penetration of moisture, water, carbon dioxide, and is UV resistant. The preparation improves the resistance of concrete against effects of alkalis (urea), road salts and thawing salts, light acids, atmospheric effects (acid rains, smog) and effects of a range of organic solvents and thinners.

As a protective coating for service water tanks made of concrete, **Vulmsidizol TW** is designed for application to surfaces exposed to extreme weather conditions, particularly concrete, lime cement renderings, fibre cement boards and chlorine rubber paints. Its applications also include open-air pools where the disinfection is done solely by way of chlorination.

Characteristics:

- excellent colour shade retention and chalking resistance
- high resistance to water and chemicals
- possibility to re-coat old chlorine rubber paints
- simple cleaning and disinfection
- extended care intervals
- resistance to chlorine water present in pools and common cleaning detergents

B Vulmsidizol TW SMART

Vulmsidizol TW SMART is a version of Vulmsidizol TW enriched by addition of a nanotechnology component that uniquely improves its properties and adds certain specific ones.

A particularly important point in water tanks and waste water treatment plants is long-term water quality assurance. **Vulmsidizol TW SMART** for water tanks and waste water treatment plants sterilises their inner surfaces without the need to add chlorine or other antimicrobial agents. It thus eliminates the technical difficulty and energy intensity of disinfection or sterilisation of such tanks. The sterilisation process takes place continually, even without light.

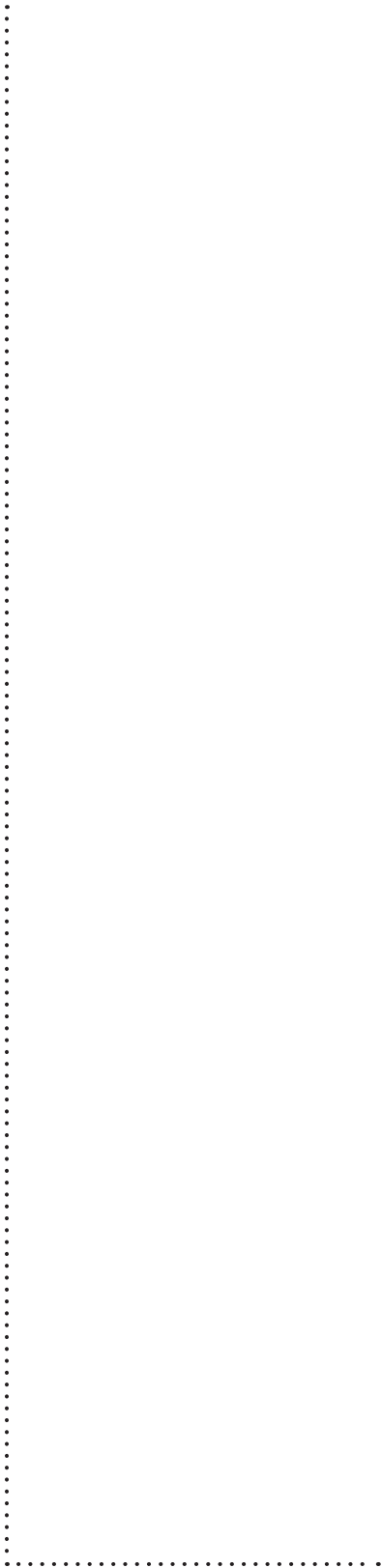
Characteristics of SMART coating:

- sterilises both the coated surfaces and adjacent areas
- the nanotechnology component is activated by normal daylight, without a need to use special lighting devices
- extends the life of the coat
- provides improved protection of materials

RECOMMENDATION

Before using Vulmsidizol coatings, it is advisable to apply **Vulmpropen**, our highly efficient penetrating coating. Vulmpropen will add a uniform absorbing capacity to porous materials, reduce the formation of fissures in the surface finish of structural parts and improve adhesion of further coating layers, while reducing the quantities used.





BRIDGE STRUCTURES

A Vulmkoriz-R BR

Vulmkoriz-R BR is a one-component, water-dilutable anticorrosion material based on a copolymer water dispersion, formulated for steel structures, bridges, pipelines, etc. It features excellent protection properties in contact with petroleum substances (oil, heavy fuel oil etc.).

Vulmkoriz-R BR contains a corrosion inhibitor and zinc phosphate components with dispersed fillers and special additives. It is an air-curing preparation forming a resistant, permanently elastic, chemically bonded film that does not dissolve in petroleum products or water. The preparation features excellent adhesion and resistance to medium to heavy mechanical stresses.

Vulmkoriz-R BR is a multi-purpose (both priming and finishing) coating for steel and concrete structures such as bridges and tunnels. It is particularly recommended for applications where the underlying material is in direct contact with petroleum products (petrol, Diesel, kerosene, oils, etc.).

Characteristics:

- abrasion resistance
- good mechanical and chemical resistance
- resistance to crude oil and all petroleum products

B Vulmkoriz-Pur BR

Vulmkoriz-Pur BR is a one-component, air-curing polyurethane anticorrosion coating pigmented with zinc phosphate. When cured, it forms a highly resistant coat that provides cathodic protection in case of local mechanical damaging. The preparation forms a permanently elastic, compact film that does not dissolve in petroleum products or water. The product is resistant to effects of CH_3COOH and methanol. It features excellent adhesion and colour retention.

Vulmkoriz-Pur BR is usable as both a primer and a finish coating for steel structures, bridges, pipelines, etc. It features excellent protection properties in contact with petroleum substances (oil, heavy fuel oil etc.).

Characteristics:

- abrasion resistance
- good mechanical and chemical resistance
- resistance to heavy fuel oils and other oils
- high corrosion inhibition capacity (C3 – C4)

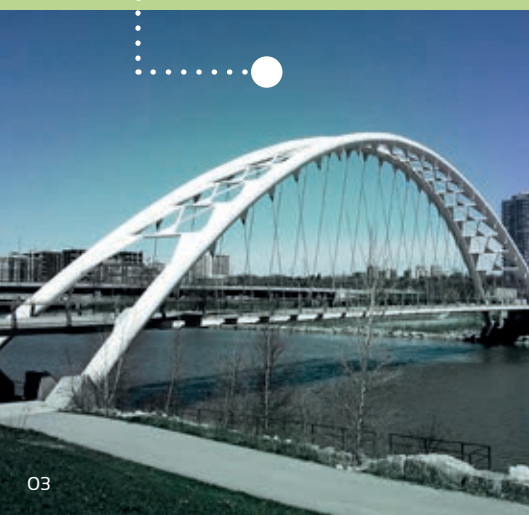
C Vulmproeepox RD-TC

Vulmproeepox RD-TC is a two-component water-based coating. It is suitable for use as both a primer and a finish coating for steels. It includes a component A (water dispersion of an epoxy resin, containing additives, pigments, fillers) and a component B (polyamine hardener).

The product is used as a coating for metal structures (light metals and alloys included) to provide anticorrosion protection with a high corrosion inhibition capacity and protection against chemical and mechanical effects. **Vulmproeepox RD-TC** is recommended for surfaces in coastal areas with a moderate salinity (C-4) such as boat interiors, steel structures, bridges, interior walls and areas in warehouses and industrial facilities, steel doors, chemical plants, swimming pools, onshore shipyards and docks.

Characteristics:

- designed for sturdy and hard surfaces
- excellent mechanical resistance
- extreme impact and shock resistance
- good mechanical and chemical resistance (detergents, petroleum products...)
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat



D Vulmproeepox RD

Vulmproeepox RD is a two-component water-based coating. It is designed for use as both a primer and a finish coating for steels. It includes a component A (water dispersion of an epoxy resin, containing additives, pigments, fillers) and a component B (polyamine hardener).

The product is used as a coating for metal structures (light metals and alloys included) to provide anticorrosion protection with a high corrosion inhibition capacity and protection against various chemical and mechanical effects. **Vulmproeepox RD** is recommended for surfaces in medium to heavily corrosive conditions (C4-C5-M) such as boat exteriors and interiors in coastal environments with high salinity and high air pollution, steel structures, bridges, interior walls and areas in warehouses and industrial facilities, steel doors. The coat is highly sturdy and also hard and abrasion resistant. It is resistant to effects of water, chemicals, detergents, oil, petroleum products and salty coastal environments.

Characteristics:

- suitability for application in coastal environments with high salinity and high air pollution
- sturdy and hard surface
- excellent mechanical resistance
- extreme impact and shock resistance
- good mechanical and chemical resistance
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat

E Vulmproeepox TC

Anticorrosion finish coating

Vulmproeepox TC is a two-component water-based coating. Suitable for use as a finish coat for steel, it includes a component A (water dispersion of an epoxy resin, containing additives, pigments, fillers) and a component B (polyamine hardener).

The product is designed for use as a coating for metal structures (light metals and alloys included) to provide anticorrosion protection with a high corrosion inhibition capacity and protection against various chemical and mechanical effects. **Vulmproeepox TC** is recommended for application to surfaces in coastal areas with a moderate salinity (C-4) such as boat interiors, steel structures, bridges, interior walls and areas in warehouses and industrial facilities, steel doors, chemical plants, swimming pools, onshore shipyards and docks.

Characteristics:

- sturdy and hard surface
- excellent mechanical resistance
- extreme impact and shock resistance
- good mechanical and chemical resistance (detergents, petroleum products...)
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat

F Vulmproeepox TC SMART

Vulmproeepox TC SMART is a version of Vulmproeepox TC enriched by addition of a nanotechnology component that uniquely improves its properties and adds certain specific ones. The nanotechnology component in the coating formulated for steel structures provides extended durability of colour and improved protection of materials. The top coating layer features a so-called self-cleaning effect with which dirt is removed by rain. It thus ensures longer colour retention and resistance of the coat.

Characteristics of SMART coating:

- sterilises both the coated surfaces and adjacent areas
- the nanotechnology component is activated by normal daylight, without a need to use special lighting devices
- extends the life of the coat
- provides improved protection of materials

RECOMMENDATION

Before using Vulmproeepox coatings, it is advisable to apply **Vulmpropex**, our highly efficient penetrating coating.



TRANSMISSION TOWERS AND UTILITY POLES

A Vulmkoriz-R PL

Vulmkoriz-R PL is a multi-purpose (both priming and finishing) coating for steel structures, transmission towers, utility poles, etc. It is particularly recommended for applications where the underlying material is in direct contact with petroleum products (petrol, Diesel, aviation kerosene, oils, etc.).

Vulmkoriz-R PL is a one-component, water-dilutable anticorrosion material based on a copolymer water dispersion. The preparation forms a permanently elastic, compact film that does not dissolve in petroleum products or water. It features excellent adhesion to the surface and colour retention. The coat has good resistance to normal weather conditions, UV radiation and heavy mechanical stress. Vulmkoriz-R PL contains a corrosion inhibitor and zinc phosphate components with dispersed fillers and special additives.

Characteristics:

- high resistance to heavy mechanical stress
- resistance to effects of chemicals, thinners and detergents
- resistance to effects of crude oil and all petroleum products
- water-tightness
- frost resistance
- resistance to weather and UV radiation
- high corrosion inhibition capacity

B Vulmkoriz-Pur PL

Vulmkoriz-Pur PL is a one-component, air-curing polyurethane anticorrosion coating pigmented with zinc phosphate. When cured, it forms a highly resistant coat that provides cathodic protection in case of local mechanical damaging. The product forms a permanently elastic, compact film that does not dissolve in petroleum products or water. It features excellent adhesion and colour retention. The product also has good resistance to normal weather conditions and UV radiation.

Vulmkoriz-Pur PL is formulated as both a primer and a finish coating for transmission towers and utility poles with superior anticorrosion properties (C3 – C4).

Characteristics:

- abrasion resistance
- good mechanical and chemical resistance
- resistance to weather and UV radiation
- high corrosion inhibition capacity (C3 – C4)

C Vulmproepox TC

Anticorrosion finish coating

Vulmproepox TC is a two-component water-based coating. Suitable for use as a finish coat for steel, it includes a component A (water dispersion of an epoxy resin, containing additives, pigments, fillers) and a component B (polyamine hardener).

The product is designed for use as a coating for metal structures (light metals and alloys included) to provide anticorrosion protection with a high corrosion inhibition capacity and protection against various chemical and mechanical effects. **Vulmproepox TC** is recommended for application to surfaces in coastal areas with a moderate salinity (C-4) such as boat interiors, steel structures, bridges, interior walls, areas in warehouses and industrial facilities, steel doors, chemical plants, swimming pools, onshore shipyards and docks.



Characteristics:

- sturdy and hard surface
- excellent mechanical resistance
- extreme impact and shock resistance
- good mechanical and chemical resistance (detergents, petroleum products...)
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat

D Vulmproeepox RD-TC

Vulmproeepox RD-TC is a two-component water-based coating. It is suitable for use as both a primer and a finish coating for steels. It includes a component A (water dispersion of an epoxy resin, containing additives, pigments, fillers) and a component B (polyamine hardener).

The product is used as a coating for metal structures (light metals and alloys included) to provide anticorrosion protection with a high corrosion inhibition capacity and protection against chemical and mechanical effects. **Vulmproeepox RD-TC** is recommended for surfaces in coastal areas with a moderate salinity (C-4) such as boat interiors, steel structures, bridges, interior walls and areas in warehouses and industrial facilities, steel doors, chemical plants, swimming pools, onshore shipyards and docks.

Characteristics:

- designed for sturdy and hard surfaces
- excellent mechanical resistance
- extreme impact and shock resistance
- good mechanical and chemical resistance (detergents, petroleum products...)
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat

E Vulmproeepox TC SMART

Vulmproeepox TC SMART is a version of Vulmproeepox TC by addition of a nanotechnology component that uniquely improves its properties and adds certain specific ones.

When applied to transmission towers and utility poles, the nanotechnology component of the coating provides extended durability of colour and improved protection of materials. The top coating layer features a so-called self-cleaning effect with which dirt is removed by rain. It thus ensures longer colour retention and resistance to weather exposure of the coat.

Characteristics of SMART coating:

- sterilises both the coated surfaces and adjacent areas
- the nanotechnology component is activated by normal daylight, without a need to use special lighting devices
- extends the life of the coat
- provides improved protection of materials

RECOMMENDATION

Before using Vulmproeepox coatings, it is advisable to apply **Vulmpropex**, our highly efficient penetrating coating.



WAGONS, CISTERNS AND CONTAINERS

A Vulmkoriz-R WA

Vulmkoriz-R WA is a multi-purpose (both priming and finishing) coating for steel structures, especially wagons, cisterns, containers, galvanised sheet metal, etc. It is particularly recommended for applications where the underlying material is in direct contact with petroleum products (petrol, Diesel, oils, etc).

Vulmkoriz-R WA is a one-component, water-dilutable anticorrosion material for wagons and cisterns based on a copolymer water dispersion. **Vulmkoriz-R WA** contains a corrosion inhibitor and zinc phosphate components with dispersed fillers and special additives. It is an air-curing preparation forming a resistant, permanently elastic film that does not dissolve in petroleum products or water. The preparation features excellent adhesion and resistance to medium to heavy mechanical stresses.

Characteristics:

- high resistance to heavy mechanical stress
- resistance to effects of chemicals, thinners and detergents
- resistance to effects of crude oil and all petroleum products
- water-tightness
- frost resistance
- resistance to weather and UV radiation
- high corrosion inhibition capacity

B Vulmkoriz-Pur WA

Vulmkoriz-Pur WA is a one-component, air-curing polyurethane anticorrosion coating pigmented with zinc phosphate. When cured, it forms a highly resistant coat that provides cathodic protection in case of local mechanical damaging. The product forms a permanently elastic, compact film that does not dissolve in petroleum products or water. The product is resistant to effects of CH_3COOH and methanol. It features excellent adhesion to the surface and colour retention.

Vulmkoriz-Pur WA is usable as both a primer and a finish coating for wagons, cisterns, containers, etc. It features excellent protection properties particularly in contact with petroleum substances (oil, heavy fuel oil etc).

Characteristics:

- abrasion resistance
- good mechanical and chemical resistance
- resistance to heavy fuel oils and other oils
- high corrosion inhibition capacity (C3 – C4)

C Vulmproeepox TC

Anticorrosion finish coating

Vulmproeepox TC is a two-component water-based coating. Suitable for use as a finish coat for steel, it includes a component A (water dispersion of an epoxy resin, containing additives, pigments, fillers) and a component B (polyamine hardener).

The product is designed for use as a coating for metal structures (light metals and alloys included) to provide anticorrosion protection with a high corrosion inhibition capacity and protection against various chemical and mechanical effects. **Vulmproeepox TC** is recommended for application to surfaces in coastal areas with a moderate salinity (C-4) such as boat interiors, steel structures, bridges, interior walls, cisterns, wagons and areas in warehouses and industrial facilities, steel doors, chemical plants, swimming pools, onshore shipyards and docks.



Characteristics:

- sturdy and hard surface
- excellent mechanical resistance
- extreme impact and shock resistance
- good mechanical and chemical resistance (detergents, petroleum products...)
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat

D Vulmproeepox RD-TC

Vulmproeepox RD-TC is a two-component water-based coating. It is suitable for use as both a primer and a finish coating for steels. It includes a component A (water dispersion of an epoxy resin, containing additives, pigments, fillers) and a component B (polyamine hardener).

The product is used as a coating for metal structures (light metals and alloys included) to provide anticorrosion protection with a high corrosion inhibition capacity and protection against chemical and mechanical effects. **Vulmproeepox RD-TC** is recommended for surfaces in coastal areas with a moderate salinity (C-4) such as boat interiors, steel structures, bridges, cisterns, containers, interior walls and areas in warehouses and industrial facilities, steel doors, chemical plants, swimming pools, onshore shipyards and docks.

Characteristics:

- designed for sturdy and hard surfaces
- excellent mechanical resistance
- extreme impact and shock resistance
- good mechanical and chemical resistance (detergents, petroleum products...)
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat

E Vulmproeepox TC SMART

Vulmproeepox TC SMART is a version of Vulmproeepox TC enriched by addition of a nanotechnology component that uniquely improves its properties and adds certain specific ones.

In wagon, cistern and container applications, the nanotechnology component provides sterilisation of inner areas in contact with foodstuffs to ensure compliance with hygiene standards. It is also recommended for use for sterilisation of exteriors of cisterns transporting foodstuffs before the entry into food-processing facilities. It eliminates the technical difficulty and energy intensity of disinfection or sterilisation. The sterilisation process takes place continually, even without light.

Vulmproeepox TC SMART also provides extended durability of colour and improved protection of materials. The top coating layer features a so-called self-cleaning effect with which dirt is removed by rain. It thus ensures longer colour retention of the coat.

Characteristics of SMART coating:

- sterilises both the coated surfaces and adjacent areas
- the nanotechnology component is activated by normal daylight, without a need to use special lighting devices
- extends the life of the coat
- provides improved protection of materials

RECOMMENDATION

Before using Vulmproeepox coatings, it is advisable to apply **Vulmpropex**, our highly efficient penetrating coating.



CONCRETE COATINGS WITH CO₂ DEPOSITION RESISTANCE

A Vulmsidizol CO₂

Vulmsidizol CO₂ is a two-component water-dilutable composition based on hydraulic binders, modifiers and fillers, formulated to provide a watertight insulating system. The product fills-in and seals pores and fissures up to a depth of 0.3 mm and provides perfect protection against the penetration of moisture, water, carbon dioxide, and is UV resistant. The preparation improves the resistance of concrete against effects of alkalis (urea), road salts and thawing salts, light acids, atmospheric effects (acid rains, smog) and a range of organic solvents and thinners.

Vulmsidizol CO₂ is particularly suited for sealing building structures, both ground and underground railway depots, pools, collectors, tunnels, cooling towers, pipelines, water storage reservoirs, water lines, etc.

The product is formulated for all concrete surfaces and areas exposed to extreme weather conditions, such as cement and lime-cement renderings, concrete, fibre cement boards and chlorine rubber paints, whose disinfection is done solely by way of chlorination. The products features strong resistance to deposition of CO₂ and other dirt as a special property that makes it particularly fit for tunnel applications.

Characteristics:

- excellent colour shade retention and chalking resistance
- high resistance to water and chemicals
- possibility to re-coat old chlorine rubber paints
- simple cleaning and disinfection
- extended care intervals
- high resistance to chlorinated water and common pool cleaning detergents
- high water vapour permeability
- resistance to permanent water stress up to a temperature of 32 °C
- excellent dimensional stability

RECOMMENDATION

Before using Vulmsidizol coatings, it is advisable to apply **Vulmpropen**, our highly efficient penetrating coating. Vulmpropen will add a uniform absorbing capacity to porous materials, reduce the formation of fissures in the surface finish of structural parts and improve adhesion of further coating layers, while reducing the quantities used.

B Vulmproepox CO₂

Vulmproepox CO₂ is a two-component, water-based coating made up of a component A (water dispersion of an epoxy resin, containing additives, pigments, fillers) and a component B (polyamine hardener).

Vulmproepox CO₂ is a coating formulated for tunnel areas where it prevents the deposition of CO₂. It is also used for concrete surfaces as well as non-insulated surfaces, iron structures, etc. The coat is highly sturdy, hard and abrasion resistant. It is resistant to effects of water, chemicals and detergent solutions. When applied to concrete and cement screeds, the coat is able to endure normal to medium heavy stress.



Characteristics:

- easy application
- cost efficiency
- water tightness
- sturdy and hard surface
- good mechanical and chemical resistance
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat

RECOMMENDATION

Before using Vulmpropox coatings, it is advisable to apply **Vulmpropex**, our highly efficient penetrating coating.



OIL AND GAS PIPELINES

A Vulmkoriz-R OIL

Vulmkoriz-R OIL is a one-component, water-dilutable anticorrosion material based on a copolymer water dispersion. Vulmkoriz-R OIL contains a corrosion inhibitor and zinc phosphate components with dispersed fillers and special additives. It is an air-curing preparation forming a resistant, permanently elastic, chemically bonded film that does not dissolve in petroleum products or water. The preparation features excellent adhesion and resistance to medium to heavy mechanical stresses.

Vulmkoriz-R OIL is a multi-purpose (both priming and finishing) coating for oil and gas pipelines, metal and steel structures, galvanised sheet metal, roofing maintenance applications, etc. It is particularly recommended for applications where the underlying material is in direct contact with petroleum products (petrol, Diesel, aviation kerosene, oils, etc.).

Characteristics:

- abrasion resistance
- good mechanical and chemical resistance
- resistance to crude oil and all petroleum products
- high corrosion inhibition capacity in moderate to medium corrosive environments

B Vulmkoriz-Pur OIL

Vulmkoriz-Pur OIL is a one-component, moisture-curing polyurethane anticorrosion coating pigmented with zinc phosphate. When cured, it forms a highly resistant coat that provides cathodic protection in case of local mechanical damaging. The product forms a permanently elastic, compact film that does not dissolve in petroleum products or water. The product is resistant to effects of CH_3COOH and methanol. It features excellent adhesion and colour retention.

Vulmkoriz-Pur OIL is usable as both a primer and a finish coating for steel structures, bridges, ships, containers, oil and gas pipelines, etc. It features excellent protection properties in contact with petroleum substances (oil, heavy fuel oil etc.).

Characteristics:

- abrasion resistance
- good mechanical and chemical resistance
- resistance to heavy fuel oils and other oils
- excellent anticorrosion properties (C3 – C4)
- high corrosion inhibition capacity



Vulmproepox CHEM

Vulmproepox CHEM is a two-component, water-based coating made up of a component A (water dispersion of an epoxy resin containing additives, pigments, fillers) and a component B (polyamine hardener).

The coating is highly sturdy and also hard and abrasion resistant. It is resistant to effects of water, chemicals and detergent solutions. The coloured epoxy coating is well suited for concrete, cement screeds, sand-textured paints and epoxy mortars in industrial facilities, floors with a normal to strong absorbing capacity and chemical exposure in warehouses, manufacturing facilities, garages, etc. It is usable in both interior and exterior applications.

Characteristics:

- easy application
- good opacity
- high fracture strength
- sturdy and hard surface
- good anti-slip properties
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat
- very low VOC content and emissions
- nearly odourless

Vulmproepox RD-TC

Vulmproepox RD-TC is a two-component water-based coating. It is suitable for use as both a primer and a finish coating for steels. It includes a component A (water dispersion of an epoxy resin, containing additives, pigments, fillers) and a component B (polyamine hardener).

The product is used as a coating for metal structures (light metals and alloys included) to provide anticorrosion protection with a high corrosion inhibition capacity and protection against chemical and mechanical effects. **Vulmproepox RD-TC** is recommended for surfaces in coastal areas with a moderate salinity (C-4) such as boat interiors, steel structures, bridges, gas and oil pipelines, interior walls and areas in warehouses and industrial facilities, steel doors, chemical plants, swimming pools, onshore shipyards and docks.

Characteristics:

- designed for sturdy and hard surfaces
- excellent mechanical resistance
- extreme impact and shock resistance
- good mechanical and chemical resistance (detergents, petroleum products...)
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat

RECOMMENDATION

Before using Vulmproepox coatings, it is advisable to apply **Vulmpropex**, our highly efficient penetrating coating.



GARAGE SYSTEMS

A Vulmproepox GS

Vulmproepox GS is a two-component, water-based coating made up of a component A (water dispersion of an epoxy resin, containing additives, pigments, fillers) and a component B (polyamine hardener).

It is used for coating concrete surfaces at least 7 days old, having a moisture content of max. 35 %, as well as non-insulated surfaces. The coats are very sturdy and also hard and abrasion resistant. They are resistant to water, chemicals and detergent solutions. The coloured epoxy coating is well suited for concrete, cement screeds, sand-textured paints and epoxy mortars, for conditions with normal to medium heavy mechanical and chemical stress in parking houses, garages, warehouses, manufacturing facilities, exhibition halls, etc.

Characteristics:

- easy application and maintenance
- good opacity, sturdy and hard surface
- good mechanical and chemical resistances
- good anti-slip properties
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat
- very low VOC content and emissions
- nearly odourless

B Vulmproepox GS SMART

Vulmproepox GS SMART is a version of Vulmproepox GS enriched by addition of a nanotechnology component that uniquely improves its properties and adds certain specific ones.

Vulmproepox GS SMART sterilises areas in parking houses to eliminate the spread of bacteria and viruses in such facilities. Its application in such areas is particularly important during the times of fast spreading viruses and civilisation diseases. The sterilisation process takes place continually and can be accelerated by light.

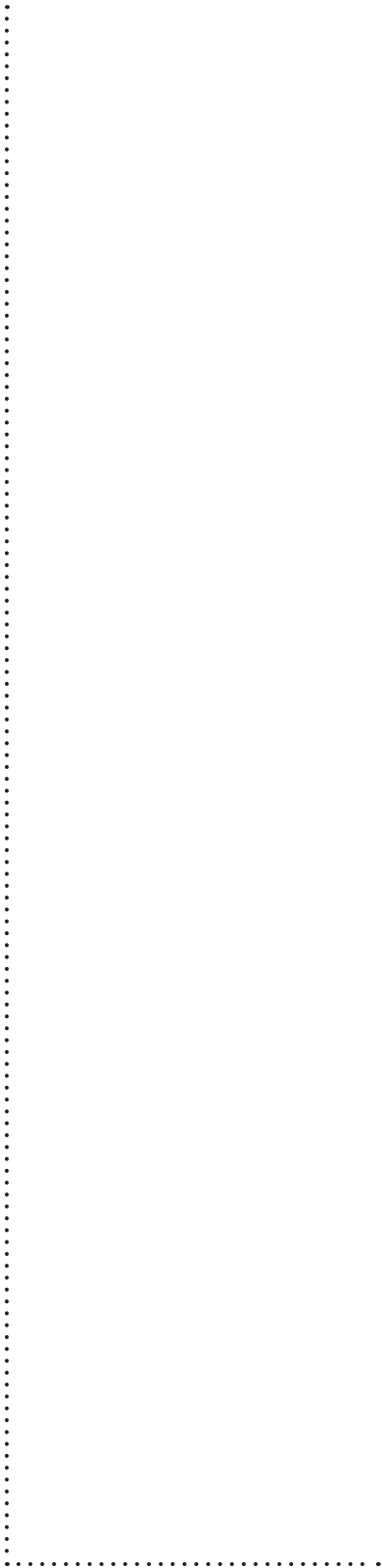
Charakteristika náteru SMART:

- sterilises both the coated surfaces and adjacent areas
- the nanotechnology component is activated by normal daylight, without a need to use special lighting devices
- extends the life of the coat
- provides improved protection of materials

RECOMMENDATION

Before using Vulmproepox coatings, it is advisable to apply **Vulmpropex**, our highly efficient penetrating coating.





INDUSTRIAL FACILITIES

A Vulmproepox IH

Vulmproepox IH is a two-component, water-based coating made up of a component A (water dispersion of an epoxy resin, containing additives, pigments, fillers) and a component B (polyamine hardener).

It is recommended for application to concrete surfaces at least 7 days old, having a moisture content of max. 35 %, as well as non-insulated surfaces. The coating is highly sturdy and also hard and abrasion resistant. It is resistant to effects of water, chemicals and detergent solutions. It is particularly suitable for concrete surfaces, cement screeds, sand-textured paints and epoxy mortars in areas of large industrial facilities where the underlying material has a normal to strong absorbing capacity. With its strong mechanical and chemical resistance, the coat is able to withstand an increased stress in warehouses, manufacturing facilities, garages, etc. It is suitable for both interior and exterior applications.

Characteristics:

- good UV resistance
- easy application and maintenance
- superior opacity
- high fracture strength
- suitability for both interior and exterior applications.
- sturdy and hard surface
- good mechanical and chemical resistance
- good anti-slip properties
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat
- very low VOC content and emissions
- nearly odourless

B Vulmproepox IH SMART

Vulmproepox IH SMART is a version of Vulmproepox IH enriched by addition of a nanotechnology component that uniquely improves its properties and adds certain specific ones.

Vulmproepox IH SMART sterilises areas in industrial facilities to eliminate the spread of bacteria and viruses in such facilities. The application of the coat ensures compliance with the most stringent hygiene standards. The sterilisation process takes place continually and can be accelerated by light.

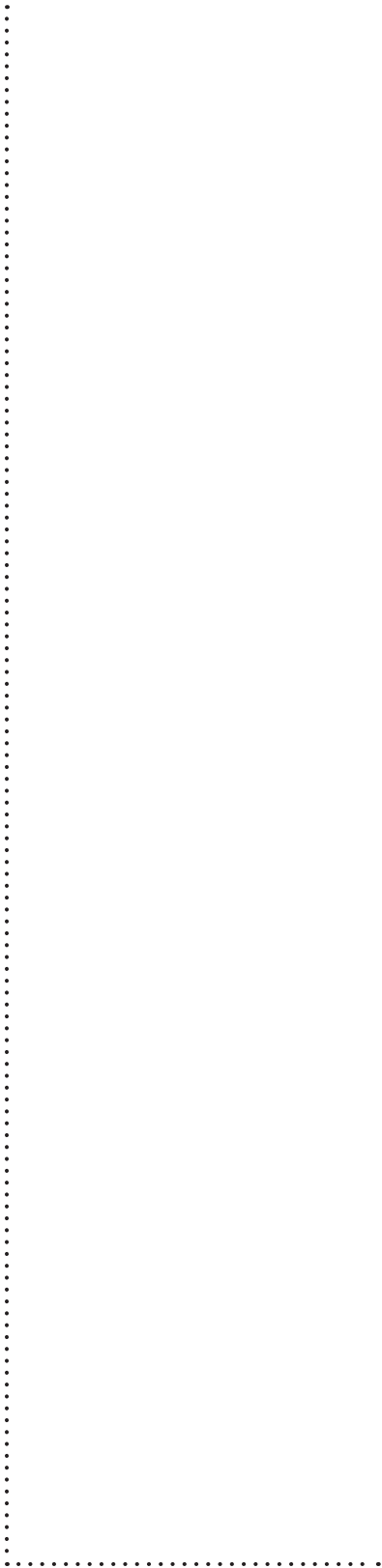
Characteristics of SMART coating:

- sterilises both the coated surfaces and adjacent areas
- the nanotechnology component is activated by normal daylight, without a need to use special lighting devices
- extends the life of the coat
- provides improved protection of materials

RECOMMENDATION

Before using Vulmproepox coatings, it is advisable to apply **Vulmpropex**, our highly efficient penetrating coating.





FOOD-PROCESSING AND HOSPITAL FACILITIES

A Vulmproepox FH

Vulmproepox FH is a two-component, water-based coating made up of a component A (water dispersion of an epoxy resin, containing additives, pigments, fillers) and a component B (polyamine hardener).

It is used for coating concrete surfaces at least 7 days old, having a moisture content of max. 35 %, as well as non-insulated surfaces. The coats are very sturdy and also hard and abrasion resistant. They are resistant to water, chemicals and detergent solutions.

Vulmproepox FH is suitable for use as a sealing coat over sand-textured systems in, for example, parking houses and underground garages, maintenance facilities and wet operation areas, such as beverage manufacturing and food processing facilities. Its application is particularly relevant in the food industry.

It is also used as a textured roll-on paint in areas where slip resistance and easy maintenance are required.

Characteristics:

- easy application and maintenance
- good opacity
- sturdy and hard surface
- good mechanical and chemical resistance
- good anti-slip properties
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat
- very low VOC content and emissions

B Vulmproepox HH

Vulmproepox HH is a two-component, water-based coating made up of a component A (water dispersion of an epoxy resin, containing additives, pigments, fillers) and a component B (polyamine hardener).

It is used for coating concrete surfaces at least 7 days old, having a moisture content of max. 35 %, as well as non-insulated surfaces. The coats are very sturdy and also hard and abrasion resistant. They are resistant to water, chemicals and detergent solutions.

Vulmproepox HH is suitable for use as a sealing coat over sand-textured systems in, for example, parking houses and underground garages, maintenance facilities and wet operation areas, such as hospital facilities. It is also used as a textured roll-on paint in areas where slip resistance and easy maintenance are required.

Vulmproepox HH is sturdy and also hard and abrasion resistant. Its good mechanical and chemical resistance, together with additional special properties, predetermine the coating for application in hospital areas and examination rooms where durability, endurance and cleanliness are of great importance. It is also well suited for use in areas of parking houses, underground garages and wet operation areas.

Characteristics:

- easy application and maintenance
- good opacity
- sturdy and hard surface
- good mechanical and chemical resistance
- good anti-slip properties
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat
- very low VOC content and emissions





Vulmproepox FH SMART, Vulmproepox HH SMART

Vulmproepox FH SMART and Vulmproepox HH SMART are basic coatings enriched by addition of a nanotechnology component that uniquely improves their properties and adds certain specific ones.

Sterility is particularly important in hospital facilities and examination rooms. Formerly, it used to be achieved using chemical or thermal means or UV radiation, which are all technology- and energy-intensive methods. Vulmproepox HH SMART sterilises areas in hospital facilities to eliminate the spread of bacteria and viruses in those areas without the need to apply chemical treatment or any other time and cost consuming treatment methods. The sterilisation process takes place continually and can be accelerated by light.

Characteristics of SMART coating:

- sterilises both the coated surfaces and adjacent areas
- the nanotechnology component is activated by normal daylight, without a need to use special lighting devices
- extends the life of the coat
- provides improved protection of materials

RECOMMENDATION

Before using Vulmproepox coatings, it is advisable to apply Vulmpropex, our highly efficient penetrating coating.



CONCRETE STRUCTURES

A Vulmkoriz-R

Vulmkoriz-R is a one-component, water-dilutable anticorrosion material formulated for concrete structures. It is composed of a copolymer water dispersion and special additives. It is an air-curing preparation forming a resistant, permanently elastic, chemically bonded film that does not dissolve in petroleum products or water. The preparation features excellent adhesion and resistance to medium to heavy mechanical stresses.

Vulmkoriz-R is a multi-purpose (both priming and finishing) coating for various types of concrete structure. It is particularly recommended for applications where the underlying material is in direct contact with petroleum products (petrol, Diesel, aviation kerosene, oils, etc.).

Characteristics:

- abrasion resistance
- good mechanical and chemical resistance
- resistance to crude oil and all petroleum products

B Vulmproepox CS

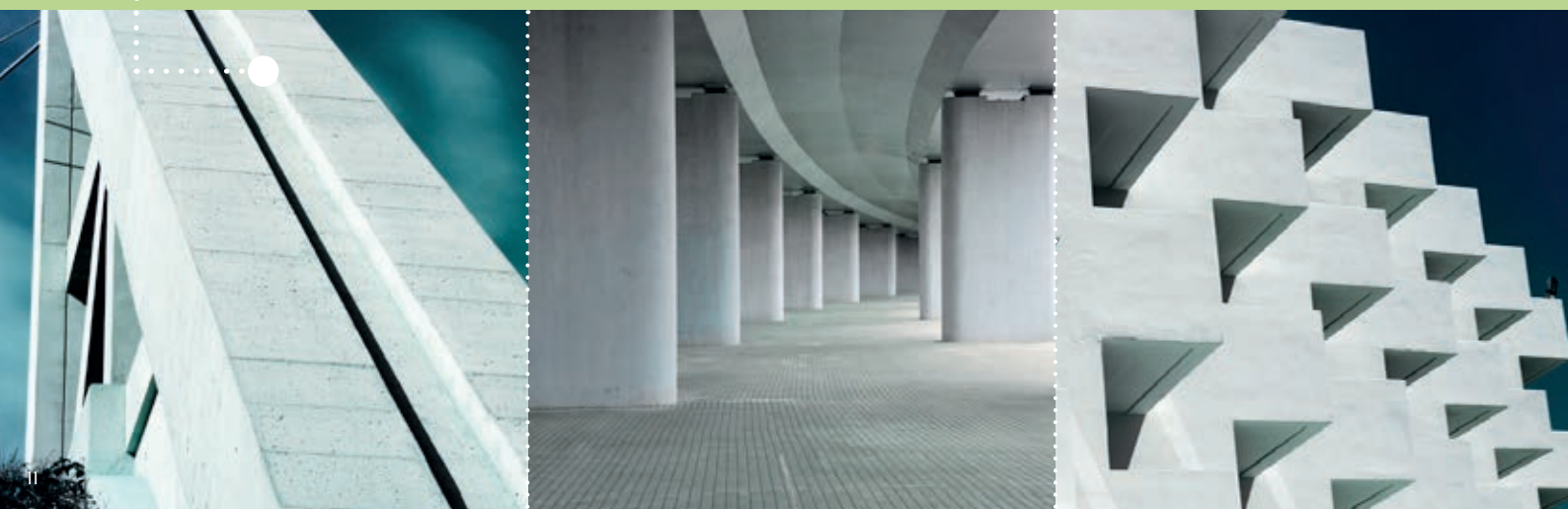
Vulmproepox CS is a two-component, water-based coating made up of a component A (water dispersion of an epoxy resin, containing additives, pigments, fillers) and a component B (polyamine hardener).

Vulmproepox CS is used as a coating for concrete and non-insulated surfaces. The coats are very sturdy and also hard and abrasion resistant. They are resistant to water, chemicals and detergent solutions.

Applications of the coating include concrete structures, cement screeds, sand-textured paints and epoxy mortars. The coating is highly resistant to water, chemicals, detergent solutions, and has a wide scope of application in various concrete structures.

Characteristics:

- easy application and maintenance
- good opacity
- sturdy and hard surface
- good mechanical and chemical resistance
- good anti-slip properties
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat
- very low VOC content and emissions



Vulmproepox CS SMART

Vulmproepox CS SMART is a version of Vulmproepox CS enriched by addition of a nanotechnology component that uniquely improves its properties and adds certain specific ones. It is formulated as a coating for concrete structures to provide extended durability of colour and improved protection of materials. The top coating layer features a so-called self-cleaning effect with which dirt is removed by rain. It thus ensures longer colour retention and resistance to weather exposure of the coat.

Characteristics of SMART coating:

- sterilises both the coated surfaces and adjacent areas
- the nanotechnology component is activated by normal daylight, without a need to use special lighting devices
- extends the life of the coat
- provides improved protection of materials

RECOMMENDATION

Before using Vulmproepox coatings, it is advisable to apply **Vulmpropex**, our highly efficient penetrating coating.



NUCLEAR PLANTS

A Vulmsidizol NU

Protective coating for the cooling tower concrete

Vulmsidizol NU is a two-component water-dilutable composition based on hydraulic binders, modifiers and fillers, formulated to provide a watertight insulating system. The product fills-in and seals pores and fissures up to a depth of 0.3 mm and provides perfect protection against the penetration of moisture, water, carbon dioxide, and has good UV resistance. Improving resistance properties of concrete, the product is suitable for use as a coating for cooling towers in power plants. When applied, the coat features very low gas permeability ($K = 0.38 \text{ fPm}$), resistance to heavy mechanical stress and anti-slip surface properties. Insulating coats can resist pressures up to 1.0MPa.

Vulmsidizol NU is particularly suited for use as a coating for cooling towers in power plants and a sealant for building structures, collectors, tunnels, water lines, etc. It can be applied to all concrete surfaces exposed to weather, cement and lime cement renderings, fibre cement boards and chlorine rubber paints.

Characteristics:

- excellent colour shade retention and chalking resistance
- high resistance to water and chemicals
- possibility to re-coat old chlorine rubber paints
- simple cleaning and disinfection
- extended care intervals
- high resistance to chlorinated water and common pool cleaning detergents
- high water vapour permeability
- resistance to permanent water stress up to a temperature of 32 °C
- excellent dimensional stability

B Vulmsidizol CO₂

Vulmsidizol CO₂ is a two-component water-dilutable composition based on hydraulic binders, modifiers and fillers, formulated to provide a watertight insulating system. The product fills-in and seals pores and fissures up to a depth of 0.3mm and provides perfect protection against the penetration of moisture, water, carbon dioxide, and is UV resistant. The preparation improves the resistance of concrete against effects of alkalis (urea), road salts and thawing salts, light acids, atmospheric effects (acid rains, smog) and a range of organic solvents and thinners.

Vulmsidizol CO₂ is particularly suited for sealing building structures, both ground and underground railway depots, pools, collectors, tunnels, cooling towers, pipelines, water storage reservoirs, water lines, etc.

The product is formulated for all concrete surfaces and areas exposed to extreme weather conditions, such as cement and lime-cement renderings, concrete, fibre cement boards and chlorine rubber paints, whose disinfection is done solely by way of chlorination.

RECOMMENDATION

Before using Vulmsidizol coatings, it is advisable to apply **Vulmpropen**, our highly efficient penetrating coating. Vulmpropen will add a uniform absorbing capacity to porous materials, reduce the formation of fissures in the surface finish of structural parts and improve adhesion of further coating layers, while reducing the quantities used.



D Vulmproeepox CO₂

Vulmproeepox CO₂ is a two-component, water-based coating made up of a component A (water dispersion of an epoxy resin, containing additives, pigments, fillers) and a component B (polyamine hardener).

Vulmproeepox CO₂ is a coating formulated for tunnel areas where it prevents the deposition of CO₂. It is also used for concrete surfaces as well as non-insulated surfaces, iron structures, etc. The coat is highly sturdy, hard and abrasion resistant. It is resistant to effects of water, chemicals and detergent solutions. When applied to concrete and cement screeds, the coat is able to endure normal to medium heavy stress.

E Vulmproeepox INT

Vulmproeepox INT is a two-component, water-based coating made up of a component A (water dispersion of an epoxy resin, containing additives, pigments, fillers) and a component B (polyamine hardener). The coating is specifically formulated for interior applications; it is resistant to abrasion, chemical preparations and detergents.

Characteristics:

- sturdy and hard surface
- good mechanical and chemical resistance
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat

F Vulmproeepox EXT

Vulmproeepox EXT is a two-component, water-based coating made up of a component A (water dispersion of an epoxy resin, containing additives, pigments, fillers) and a component B (polyamine hardener). Applications of **Vulmproeepox EXT** include exterior concrete and non-insulated surfaces, cement screeds, sand-textured paints and epoxy mortars. It is suitable for normal to medium heavy mechanical and chemical stress in warehouses, manufacturing facilities, exhibition halls, garages, etc.

Characteristics:

- UV resistance
- easy application and maintenance
- good opacity
- sturdy and hard surface
- good mechanical and chemical resistance
- good anti-slip properties
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat
- very low VOC content and emissions

G Vulmproeepox INT SMART

Vulmproeepox INT SMART is a version of Vulmproeepox INT interior coating enriched by addition of a nanotechnology component that uniquely improves its properties and adds certain specific ones. Its application in interiors improves their hygienic standard and thus eliminates the spread of bacteria and viruses. The application of a SMART coating also ensures increased endurance and extended life.

Characteristics of SMART coating:

- sterilises both the coated surfaces and adjacent areas
- the nanotechnology component is activated by normal daylight, without a need to use special lighting devices
- extends the life of the coat
- provides improved protection of materials

RECOMMENDATION

Before using Vulmproeepox coatings, it is advisable to apply **Vulmpropex**, our highly efficient penetrating coating.



COASTAL AREAS – SALT RESISTANT COATINGS

A Vulmproeepox SA

Coating for coastal concrete structures

Vulmproeepox SA is a two-component, water-based coating made up of a component A (water dispersion of an epoxy resin containing additives, pigments, fillers) and a component B (polyamine hardener).

It is used for coating concrete surfaces at least 7 days old, having a moisture content of max. 35 %, as well as non-insulated surfaces. The coats are very sturdy and also hard and abrasion resistant. They are resistant to water, chemicals and detergent solutions. A roll-on coat for concrete and cement screeds subjected to normal to medium heavy stress. The coating is formulated for concrete structures in coastal areas.

Characteristics:

- easy application
- water tightness
- sturdy and hard surface
- good mechanical and chemical resistance
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat

B Vulmproeepox R-RH

Coating for iron structures – anticorrosion primer and finish coating

Vulmproeepox R-RH is a two-component, water-based coating made up of a component A (water dispersion of an epoxy resin containing additives, pigments, fillers) and a component B (polyamine hardener).

The product is designed for metal structures (light metals and alloys included) to provide anticorrosion protection with a high corrosion inhibition capacity and protection against various chemical and mechanical effects. **Vulmproeepox R-RH** is recommended for surfaces in medium corrosive environments (C2 – C3) such as boat interiors, steel structures, interior walls and areas in warehouses and industrial facilities, steel doors. The coat is resistant to water, chemicals, detergents, oil, petroleum products and salty coastal environments.

Characteristics:

- sturdy and hard surface
- excellent mechanical resistance
- extreme impact and shock resistance
- good mechanical and chemical resistance
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat

RECOMMENDATION

Before using Vulmproeepox coatings, it is advisable to apply **Vulmpropex**, our highly efficient penetrating coating.



Vulmkoriz-Pur BT

Boat coating

Vulmkoriz-Pur BT is a one-component, air-curing polyurethane anticorrosion coating pigmented with zinc phosphate. When cured, it forms a highly resistant coat that provides cathodic protection in case of local mechanical damaging. The preparation forms a permanently elastic, compact film that does not dissolve in petroleum products or water. The product is resistant to effects of CH_3COOH and methanol. It features excellent adhesion and colour retention.

Vulmkoriz-Pur BT is usable as both a primer and a finish coating for steel structures, bridges, ships, containers, oil and gas pipelines, etc. It features excellent protection properties in contact with petroleum substances (oil, heavy fuel oil etc.), as well as superior anticorrosion properties (C3 – C4).

Characteristics:

- abrasion resistance
- good mechanical and chemical resistance
- resistance to exposure to heavy fuel oils and other oils
- high corrosion inhibition capacity (C3 – C4)



ROOF MATERIAL SURFACE TREATMENT

Vulmkoriz-R RF

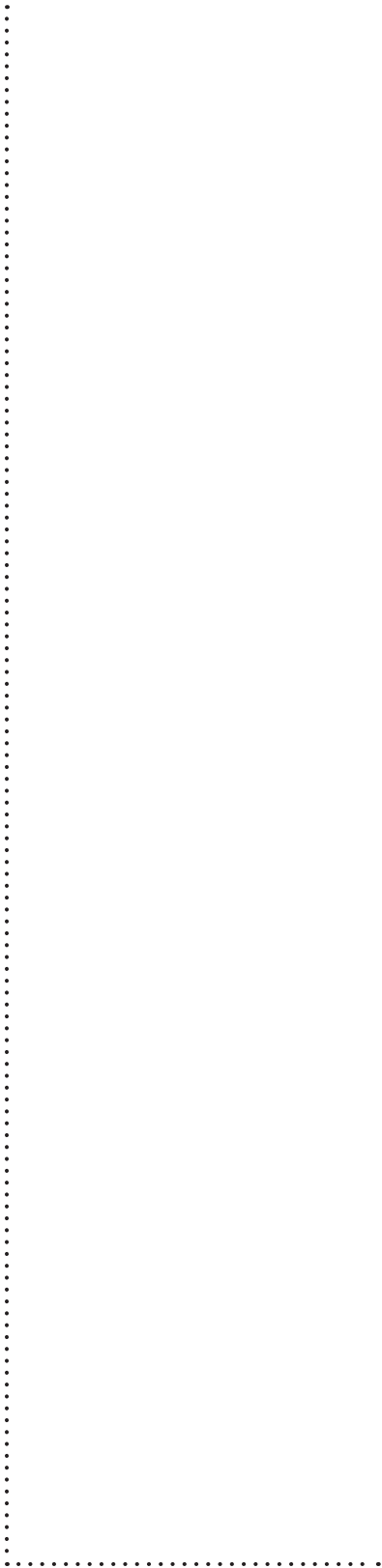
Vulmkoriz-R RF is a multi-purpose (both priming and finishing) coating for steel structures, galvanised sheet metal, roofing maintenance applications, etc. It is particularly recommended for applications where the underlying material is in direct contact with petroleum products (petrol, Diesel, aviation kerosene, oils, etc.).

Vulmkoriz-R RF is a one-component, water-dilutable anticorrosion material based on a copolymer water dispersion, formulated for roofing materials. Vulmkoriz-R RF contains a corrosion inhibitor and zinc phosphate components with dispersed fillers and special additives. It is an air-curing preparation forming a resistant, permanently elastic, chemically bonded film that does not dissolve in petroleum products or water. The preparation features excellent adhesion and resistance to medium to heavy mechanical stresses.

Characteristics:

- high resistance to heavy mechanical stress
- resistance to effects of chemicals, thinners and detergents
- resistance to effects of crude oil and all petroleum products
- water-tightness
- frost resistance
- resistance to weather and UV radiation





INTERIOR DISPERSION-BASED WALL PAINT

A Vulmsimalex

Vulmsimalex is a water-dilutable, dispersion-based acrylate interior wall paint. It features excellent whiteness, fineness and abrasion resistance. It is a modern, ready-to-use wall paint with excellent spreading and opacity properties.

Vulmsimalex is designed for use as the finish paint for plastered walls, concrete panels, gypsum wallboards, light-weight partition walls in concrete panel buildings, textured wallpaper, chipboard and other absorbent underlying materials. The paint is breathable and has good resistance to microbiocides, moulds and fungi.

Characteristics:

- easy to mix with tinting colours to achieve a range of tones and shades
- fast drying
- odourless, which makes the handling easier
- superior whiteness
- excellent opacity
- available also in a washable version

B Vulmsimalex SMART

Similar to Vulmsimalex, **Vulmsimalex SMART** is a water dilutable, dispersion-based wall paint enriched by addition of a nanotechnology component that uniquely improves its properties and adds certain specific ones. Its application in interiors improves their hygienic standard and thus eliminates the spread of bacteria and viruses. With its disinfectant properties, this SMART high-hide interior wall paint is particularly suitable for office, school and kindergarten areas.

Characteristics of SMART paint:

- sterilises both the coated surfaces and adjacent areas
- the nanotechnology component is activated by normal daylight, without a need to use special lighting devices
- extends the life of the coat
- provides improved protection of materials





PROTECTIVE WOOD VARNISH

A Vulmprolak

Vulmprolak is a water dilutable, pigmented top varnish developed for application by spraying, painting or immersion. The product features excellent properties, dries fast and application of multiple coats delivers superior properties, appearance and gloss.

Vulmprolak is suitable for all types of wooden articles or semi-finished products (furniture parts, mouldings, windows, doors, benches, fences, garden houses, etc.).

Characteristics:

- easy to mix with tinting colours to achieve a range of tones and shades, while preserving the wood structure
- fast drying
- odourless, which makes the handling easier
- the drying time depends on the adjacent temperature, but it is on average 30 minutes at 23 °C

B Vulmprolak SMART

Similar to Vulmprolak, **Vulmprolak SMART** is a water dilutable, dispersion-based wall paint enriched by addition of a nanotechnology component that uniquely improves its properties and adds certain specific ones. Its application in interiors improves their hygienic standard and thus eliminates the spread of bacteria and viruses. With its disinfectant properties it is particularly suitable for use in enclosed areas, and it can be applied to all types of wooden surfaces (parquets, furniture, wooden floors, lumber, etc.)

Characteristics of SMART coating:

- sterilises both the coated surfaces and adjacent areas
- the nanotechnology component is activated by normal daylight, without a need to use special lighting devices
- extends the life of the coat
- provides improved protection of materials

UV-CURING COATING

A Vulmproeko UV

Vulmproeko UV is a water dilutable, UV-curing pigmented top varnish developed for application by spraying.

Suitable for application as both a primer and a top coat, **Vulmproeko UV** can be used for the finishing of furniture parts, mouldings, doors and other interior wooden articles. While hot drying makes it cure physically, it achieves the spatial bonding, chemical resistance and stacking ability only after the UV curing.





TRAFFIC SIGN PAINT

Vulmaquacolor-Paint

Vulmaquacolor-Paint is a water-dilutable, dispersion colour formulated primarily for traffic signs both within and outside urban areas, and in traffic parks. It has a longer life than solvent-based paints and is resistant to petroleum products as well as soluble detergents.

Vulmaquacolor-Paint can be used for traffic signs and concrete and asphalt surfaces. Before the application, normal dirt such as dust and mud must be removed from the surface to be painted.

Characteristics:

- easy to mix with tinting colours to achieve a range of shades according to customer requirements
- fast drying
- odourless, which makes the handling easier
- good abrasion resistance and elasticity retention

TREATMENT OF SILICATE SURFACES

Vulmsidizplan

Protective coating for concrete and asphalt concrete

Vulmsidizplan is a one-component dispersion coating formulated for the treatment of silicate surfaces - concrete, terrazzo, asphalt concrete, cement and polymeric cement screeds, etc. It is used as the wearing layer and a coating for wood and wooden articles. When fully cured, it forms a sturdy and strong film of a monolithic nature and properties. It is resistant to water, UV, alkalis, industrial air pollutants, as well as short-term exposure to petroleum products and diluted acids and alkalis. The preparation features excellent adhesion to the underlying surface and resistance to medium to heavy mechanical stresses.

With its special properties, **Vulmsidizplan** is well suited for the use in manufacturing facilities, warehouses, garages, and for treatment and protection of concrete skeletons, fences, floors, etc.





FAÇADE PROTECTION AND RENOVATION

Vulmthistex

Dispersion paint for façades and other applications

Vulmthistex is a one-component dispersion paint formulated for surface treatment of both exterior and interior building elements. The formula ensures perfect adhesion to the underlying surface and long-term sealing of fissures, which makes it suitable for all common building materials such as concretes, silicate materials, asbestos-cement, fibre wood and chipboard panels, all types of plaster, wood, etc. When dried, the coat has a decorative finish and is resistant to frost and abrasion, and easy to clean (even with pressurised water). The coat is vapour permeable and its composition prevents the growth of mosses, moulds and algae.

With its exceptionally low diffusion, high water-tightness and low consumption, **Vulmthistex** is recommended for use preferably as a façade paint to protect, renovate and maintain facades of historical buildings.

Characteristics:

- easy to mix with tinting colours to achieve a range of tones and shades
- fast drying
- odourless, which makes the handling easier
- excellent opacity
- perfect adhesion to the surface
- a wide range of application options (roller, brush, spray)

GRAFFITI AND PAINT REMOVAL

Vulmantigraffiti

Vulmantigraffiti is a water-based cleaner. It is formulated for the use as graffiti remover from wagons, buses, buildings and other similar surfaces, aluminium and wood. Before the application, make a test to check the reaction of the product with the underlying paint coat. The preparation can also be used on concrete, tiles, etc.





PENETRATING COATINGS

Vulmpropen

Penetrating preparation

Vulmpropen is a universal penetrating formula based on an acrylic resin, defoamer and special additives. This water-dilutable preparation is intended for use to obtain a uniform absorbing capacity of porous materials, reduce the formation of fissures in the surface finish of structural parts and improve the adhesion of further coating, adhesive or sealant layers to the surfaces being treated. This deep penetrating material provides superior insulation against effects of water and is vapour-permeable in one direction.

Vulmpropen is formulated for use on surfaces with a high absorbing capacity such as fibre cement, woodchip cement and fibre wood panels; gypsum wallboards; concrete; porous concrete; lime, gypsum and lime cement plasters, etc. The products is suitable for use as a penetrating agent under Vulmsidizol coatings.

Characteristics:

- application by rolling, brushing or spraying
- fast drying
- odourless - easy thinning with water
- application of the penetrating coating reduces the consumption of the top paint

Vulmpropex

Penetrating agent

Vulmpropex is a two-component, water-based coating made up of a component A (water dispersion of an epoxy resin, containing additives, pigments, fillers) and a component B (polyamine hardener).

It is suitable for use as a penetrating coating under Vulmpropox system coatings on concrete surfaces, at least 7 days old and having a moisture content of max. 35 %, as well as non-insulated surfaces. Applications also include the use as a self-levelling compound with addition of silica sand. The coat is highly sturdy and also hard and abrasion resistant. It is resistant to effects of water, chemicals, petroleum products, detergents and solvents.

Characteristics:

- sturdy and hard surface
- good mechanical and chemical resistance
- resistance to penetration of liquids
- adhesion to moderately greasy surfaces
- high-build coat

SEALANT

Vulmsidiflex

Universal dispersion sealant

Vulmsidiflex is a one-compound pasty dispersion sealant, a formula with an elastomer basis and dispersed fillers and modification additives. The preparation is intended for sealing joints and cracks in building envelopes, glazing systems and metal structures. Interior applications include sealing gaps in ceilings and walls, joints between partition walls made of prefabricated porous concrete panels, chipboard panels, gypsum wall boards, mineral wood panels, etc. The preparation is also suitable for gluing tiling, facing and insulation materials (such as polystyrene). When fully cured, it does not dissolve in water. The product is used in car repair applications as a chassis protection and sealing vibration and noise insulation.



