ALLTER

ALTERNATE CORROSION PREVENTION SYSTEMS

WE COAT THE WORLD

THE ALTERNATE WAY Allter® is an alternative coating brand offering unique solutions to under- and above ground steel assets such as pipelines, risers, flanges, valves, storage tanks with our products Prime™, Visco-Rite™, Guard™, Tape™ and Therm™.

BIOMIMICRY BY DESIGN

Allter's emission-free and chemical inertia reflects some of our company's main priorities. We consider it the duty of the inhabitants to take care of this planet. Allter® aims to contribute to better, safe protection of the environment where pipework, joints and installations are concerned.

VISCO ELASTIC PRODUCTS

The alternate for primerless wax, butyl, bitumen tape coatings. Visco-Rite™ is the alternate visco-elastic, self-healing tape-like solution for replacing traditional tape, bitumen, petrolatum and wax tape systems. For underground use, according the ISO 12944, these systems offer 30 years guarantee against corrosion.

- No primer needed.
- Underground resistant against AC/DC current.
- Self healing in case of a minor damages.
- No cathodic disbondment for underground applications on pipelines.
- Provides excellent corrosion protection.
- Can topcoat with a range of coating types, such as epoxies, polyurethanes, and chlorinated rubbers.

Visco-Rite™ 70

Visco-Rite™ 70 is a viscoelastic fibre-reinforced high-performance corrosion barrier material to protect new carbon steel, stainless steel, ductile iron and non-ferro metal substrates. The material is specific designed for submersed and immersed services from -45 up to +70°C (-49 up to 158°F) and complies to ISO 21809-3: 2016 and ISO 12944: 2018 with a suitable mechanical protection. ORDER .

Operating temperature: -45°C, less than 70°C

Visco-Rite™ 70HB

Visco-Rite™ 70HB is a viscoelastic fibre-reinforced high-performance corrosion barrier material to protect corroded carbon steel, stainless steel, ductile iron and non-ferro metal substrates. The material is specific designed for submersed and immersed services from -45 up to +70°C (-49 up to 158°F) and complies to ISO 21809-3: 2016 and ISO12944: 2018 with a suitable mechanical protection.

Operating temperature: -45°C, less than 70°C

Visco-Rite™ 95

Visco-Rite™ 95 is a viscoelastic fibre-reinforced high-performance corrosion barrier material to protect new carbon steel, stainless steel, ductile iron and non-ferro metal substrates. The material is specific designed for submersed and immersed services from -45 up to +95°C (-49 up to 203°F) and complies to ISO 21809-3: 2016 with a suitable mechanical protection.

Operating temperature: -45°C, less than 95°C

Visco-Rite™ 95HB

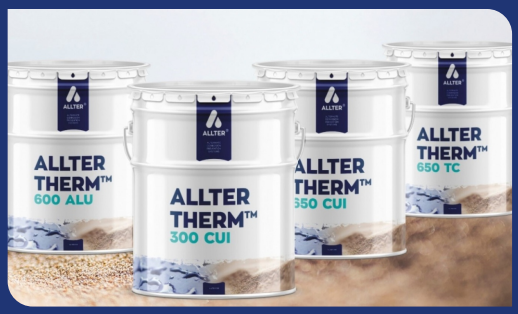
Visco-Rite™ 95HB is a viscoelastic fibre-reinforced high-performance corrosion barrier material to protect corroded carbon steel, stainless steel, ductile iron and non-ferro metal substrates. The material is specific designed for submersed and immersed services from -45 up to +95°C (-49 up to 203°F) and complies to ISO 21809-3: 2016 and ISO 12944: 2018 with a suitable mechanical protection.

Operating temperature: -45°C, less than 95°C

Markets & Industries

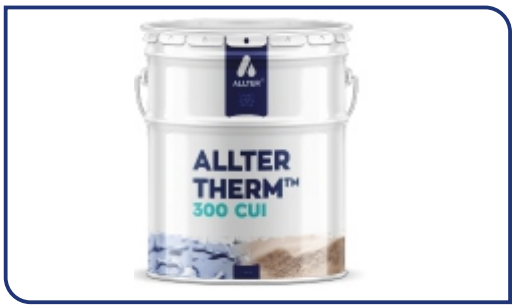
- Renewable Energy Coatings
- Energy Infrastructure Coatings
- Infrastructure Protection and Maintenance Coatings
- Power Plants
- Commodity Pipeline Coatings
- Offshore Coatings
- Safety & Integrity Solutions

THERM™ PRODUCTS



The alternative for heat-resistant silicone coatings. Allter-Therm™ is the alternate inorganic coating solution for replacing heat curing, high-temperature silicone-acrylics and silicone coatings where an inorganic zinc-rich primer is required for corrosion resistance under severe atmospheric services.

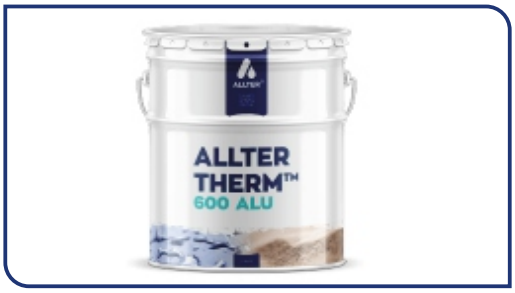
Novalac epoxies will degrade under UV exposure. Application examples are non-insulated piping, process vessels, storage tanks, heat exchangers, stacks, ductwork, steam pipes and other equipment in various industries such as in petrochemical facilities, chemical plants, Offshore, power plants, refineries etc



Therm™ 300 CUI

Therm™ 300 CUI is a high performance single-component pure inorganic coating, designed to protect carbon- and stainless steel substrates under insulation where an excellent wet/dry cycling resistance at elevated temperature is required. The coating complies to the NACE SP0198-2017 classification, inert multi-polymer matrix coatings for corrosion under insulation (CUI) in both cryogenic and elevated temperature applications, is fully ambient curing and can withstand temperatures from -196°C up to 300°C (-321 up to 572°F).

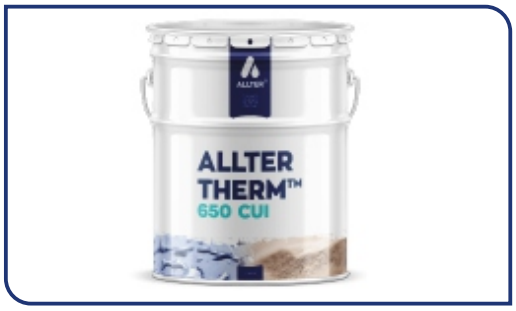
Operating temperature: -196°C, less than 300°C



Therm™ 600 ALU

Allter-Therm™ 600 ALU is a high performance single-component pure inorganic high temperature resistant coating, designed to protect carbon- and stainless steel atmospheric exposed substrates in both cryogenic and elevated tempera-ture applications. The material is fully ambient curing and can withstand tempera-tures from -196°C up to 600°C (-321 up to 1112°F).

Operating temperature: -196°C, less than 600°C



Therm™ 650 CUI

Therm™ 650 CUI is a high performance single-component pure inorganic coating, designed to protect carbon- and stainless steel substrates under insulation where an excellent wet/dry cycling resistance at elevated temperature is required. The coating complies to the NACE SP0198-2017 classification, inert multi-polymer matrix coatings for corrosion under insulation (CUI) in both cryogenic and elevated temperature applications, is fully ambient curing and can withstand temperatures from -196°C up to 650°C (-321 up to 1202°F).

Operating temperature: -196°C, less than 650°C

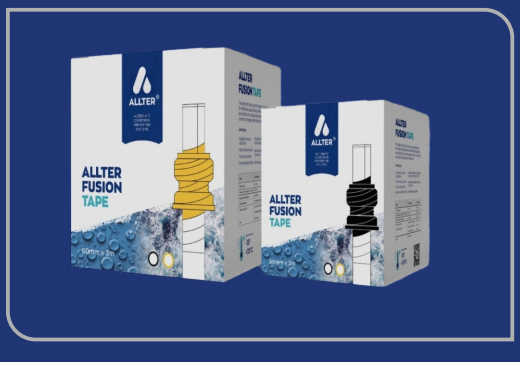
Therm™ 650 TC

Therm™ 650 TC is a high performance single-component pure inorganic high temperature resistant topcoat with ultra-high temperature and UV resistance, designed to protect carbon- and stainless steel atmospheric exposed substrates in both cryogenic and elevated temperature applications. The material is fully ambient curing and can withstand temperatures from -196°C up to 650°C (-321 up to 1202°F).

Operating temperature: -196°C, less than 650°C

Petrochemical Facilities | Chemical Plants | Offshore | Refineries | Oil and Gas | Infrastructure | Water & Waste Water

TAPE™ PRODUCTS



Allter Tape™ is the alternate self-fusing tape solution for replacing tape systems where a corrosion protective primer underneath is required.

- The overlapping part could be entirely fused.
- Cold shrinkable, tape could be elongated up to 2 times of original length at room temperature, the contraction can enhance the sealing after wrapped.
- Perfect sealing, waterproof and insulation performance.
- Stable UV resistance.
- Wrapping by hand, no heating necessary.
- Easy application for irregular shapes and surfaces.
- More than 20 years of Stable performance.

Fusion Tape™

Allter Fusion Tape™ is a cold applied shrink- and self-priming tape with self-fusion, amalgamating properties with a high durable flexibility for buried and atmospheric services. This self-fusion tape is particular designed for sealing, waterproofing and insulating irregular shapes and surfaces made from new and old cast iron, carbon steel, stainless steel, non-ferrous metals, coated steel, galvanized steel and plastics like PE and PP.

Operating temperature: -40°C , +70°C

Tape PVC™

Allter-Tape PVC™ is a flexible UV resistant cold applied PVC tape designed to be used for mechanical protection on top of our corrosion barrier systems Visco-Rite™70 and 70HB for immersed, buried and atmospheric services up to continuous 70°C (158°). This material provides good abrasion, impact and indentation resistance, and is also resistant to chemicals like acids and alkalis.

Operating temperature: :- Up to 70°C

Tape PE™

Allter-Tape PE™ is a cross laminated HDPE cold applied tape designed to be used as a high-performance mechanical protection on top of our corrosion barrier systems Visco-Rite™ 70 and 70HB for immersed and buried services up to continuous 70°C (158°). This material provides good abrasion, impact and indentation resistance, and is also resistant to chemicals like acids and alkalis.

Operating temperature: :- Up to 70°C

Mesh™ PE 11

Allter-Mesh™ PE 11 is a 11mm. thick extruded air-cushioned diamond shaped PE mesh for protecting coated pipelines from rock backfill when a thick sand collar is no option. Allter-Mesh™ PE 11 is also offering protection to coated pipelines from other abrasive sources. Caused by soil settlement and other geological movements. The material is absorbing high impact forces because of its air-cushioned properties and is, depending on the pipe diameter, longitudinally, spirally or circumferentially wrapped around the pipeline and secured by polymeric strapping.

Markets & Industries

- Renewable Energy Coatings
- Energy Infrastructure Coatings
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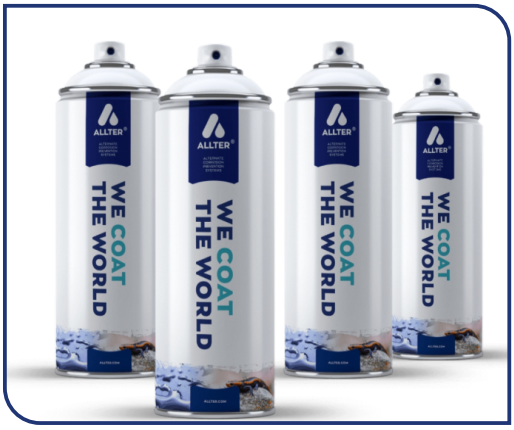
- Power Plants
- Commodity Pipeline Coatings
- Offshore Coatings
- Safety & Integrity Solutions

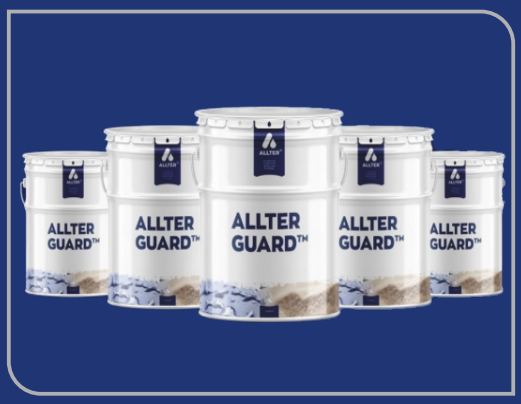
PRIME™ PRODUCTS



Allter Prime™ is a one component, ceramic polyisobutylene enriched primer formulated to provide corrosion protection to steel substrates in both maintenance and new construction situations. As a high performance anti-corrosive primer, Allter Prime™ gives maximum protection as part of any anti-corrosive coating system for aggressive environments including those found on offshore structures, petrochemical facilities, pulp and paper plants, bridges and power plants at moist substrates.

- Provides excellent corrosion protection.
- No need for extensive loose abrasive blasting – saves time.
- Bonds to moist substrates.
- Economical Polyisobutylene ceramic primer.
- Also available in spray cans.
- Can topcoat with a range of coating types, such as epoxies, polyurethanes, and chlorinated rubbers.

GUARD™ PRODUCTS

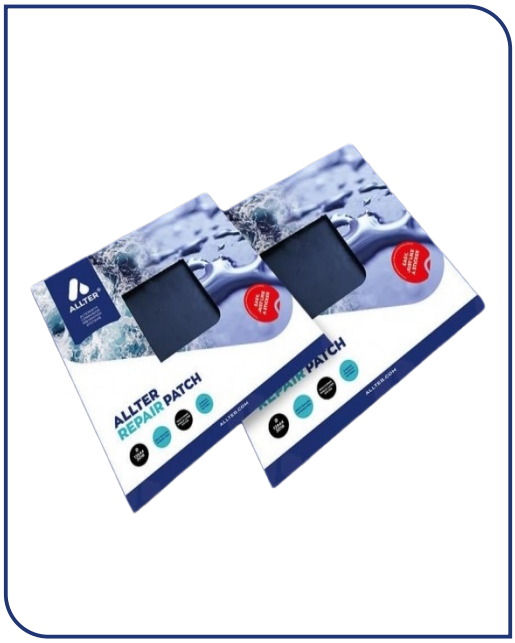


The Allter Guard™ range of products are two component coating systems. The coating comes in the form of a can and can be rolled, sprayed or trowelled. This range is specialistic for high temperature resistance, abrasion resistance and impact resistance. As an OEM application to coat pipe or as a rehab method, this product is heavily used to overcome hot piping and riser corrosion issues.

Allter Guard™ is the alternate organic coating solution for replacing traditional ISO 12944 and NORSOK M-501 approves coating systems.

- High temperature resistance
- Easy mixing ratio's
- Toughness
- Provides excellent corrosion protection

REPAIR™ PATCH PRODUCTS



Allter-Repair™ Patch is an excellent UV-resistant viscoelastic fibre-reinforced high-performance corrosion barrier repair material to protect damaged new-and old carbon steel, stainless steel, ductile iron and non-ferro metal substrates.

- Non-toxic material, safe for humans, animals and the environment.
- Excellent barrier properties.
- Fibre-reinforced material with excellent UV resistant elastomeric finish.
- Single layer system/supplied as Patch.
- Complies to ISO 12944: 2018.
- Excellent creep resistance.
- Material remains flexible, even at lower temperatures (no lifting foils).
- Excellent adhesion to carbon steel and stainless steel.
- Excellent adhesion to EP, PU, PE, PP, PVC and non-ferro metals.
- Surface tolerant material (minimum SSPC-SP2/St2).
- No primer, intermediate and topcoat required.
- Atmospheric service temperature from -45 up to max +120°C (-49 up to 248°F).
- Can be applied without tools, just by hand like a sticker.
- Self-healing capabilities.
- No need for curing.

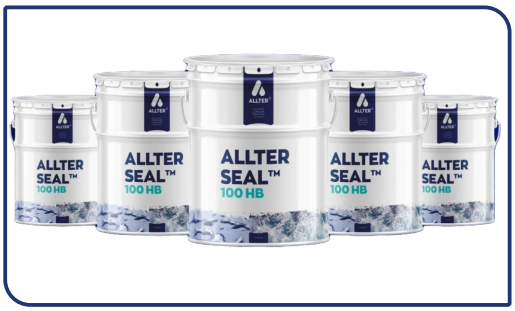
Petrochemical Facilities | Chemical Plants | Offshore | Refineries | Oil and Gas | Infrastructure | Water & Waste Water

BOND™ PU PRODUCTS

Two component, solvent based polyurethane adhesive.Allter-Bond™ PU is a two component adhesive speciallydesigned for bonding soft PVC foils, foam backed PVC foilsand ABS/PVC foils by vacuum deepdrawing technique tovarious substrates like wood fibre complexes and injectionmoulded parts of ABS and ABS/PVC (Bayblend®)

- High initial bond strength even at low reactivating temperatures.
- Can be used for a wide range of applications.
- Very good automatic spray equipment properties.
- Additional Cross linker for good resistance to aging/heat and cold exposure.
- Bonding with-and without heat activation and vacuum technique.
- Contrasting color for verifying adhesive uniformity.
- Long open tack time/up to max. 3 hours.

SEAL™ PRODUCTS



The coating comes in a can and can easily be brushed, rolled or sprayed. It is the alternative for 2-component elastomerics. This permanently flexible coating can be used on top of the Visco-Rite™ corrosion barrier materials and Allter Prime™ for atmospheric services, where an excellent UV resistance and durable finish is required.

Greenhard BV
Ieperstraat 213 | 8940 Geluwe | Belgium
T: +32 56 20 01 64
Email: info@greenhard.world
www.greenhard.world
www.linkedin.com/company/greenhard-bv/

ALLTER®
Ieperstraat 213
8940 Geluwe
Belgium
Email: contact@allter.com

DUTCHWERK MIDDLE EAST LLC
Office No 207 | 2nd Floor
Golden tulip downtown tower | Abudhabi | UAE
T: +971504155134
Email: hashique@dutchwerk.com