Product Catalogue

Protective Coatings, Refractories and Pipeline Repair

International Paint · Allied Mineral Products · HENKEL - CSNRI

orbissolutionsllc.com
Authorized distributor in Venezuela · Florida, USA

Protective materials for industry

Orbis Solutions is the authorized distributor in Venezuela of International Paint, Allied Mineral Products and HENKEL - CSNRI. For more than 40 years we have connected Venezuelan industry with world-class manufacturers, supporting Oil & Gas, marine, refining, power and industrial operations.

This catalogue summarizes the product lines we supply. Values shown are typical and for guidance only: always consult the full Technical Data Sheet and your Orbis Solutions representative before use. Safety Data Sheets (SDS) are available on request.

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International Paint

Protective and marine coatings covering the full lifecycle of a structure — from surface preparation through primers, high-build intermediates and finish coats.

Primers & Surface Prep

Interprime 198

Alkyd Primer

Fast-drying, single-pack primer. Surface tolerant and compatible with most substrates, it can be overcoated with a wide range of finishes.

Type	Volume solids	Typical film thickness
Single-pack (one component)	41% ±2%	75 µm dry (183 µm wet)
Method of application	**Pack size**	
Airless spray, brush, roller	1 US gal or 5 US gal	

Interzinc 52

Epoxy Zinc-Rich Primer

A two component, metallic zinc rich epoxy primer which complies with the composition and performance requirements of SSPC Paint 20.

Type	Volume solids	Typical film thickness
Two-component	59% ±2%	50–75 µm dry (85–127 µm wet)
Method of application	**Pack size**	
Airless spray, air spray, brush	10 L unit (8 L Part A + 2 L Part B) or 3 US gal unit	

Interzinc 22

Inorganic Zinc-Rich Ethyl Silicate Primer

A two component, rapid recoat, fast curing solvent based inorganic zinc rich ethyl silicate primer. Conforms to SSPC Paint 20 Level 1.

Type	Volume solids	Typical film thickness
Two-component	63%	50–75 µm dry (79–119 µm wet)
Method of application	**Pack size**	
Airless spray, air spray	13.78 L unit (10.42 L Part A + 3.36 L Part B) or 5 US gal unit	

Intergard 263

Epoxy Intermediate

Two-component, tar-free epoxy intermediate coat.

Type	Volume solids	Typical film thickness
Two-component	57% ±2%	100 µm dry (175 µm wet)
Method of application	**Pack size**	
Airless spray, brush, roller	20 L unit (16 L Part A + 4 L Part B)	

High-Build & Intermediate Coats

Intertuf 262

Epoxy Anticorrosive Primer

Two-component, surface-tolerant epoxy primer.

Type	Volume solids	Typical film thickness
Two-component	73% ±2%	125 µm dry (171 µm wet)

Method of application	Pack size
Airless spray, brush, roller	20 L unit (16 L Part A + 4 L Part B)

Interseal 670HS

Surface Tolerant Epoxy

Low-VOC, two-component, high-build, high-solids surface-tolerant epoxy maintenance coating.

Type	Volume solids	Typical film thickness
Two-component	82% ±3% (depends on color)	100–250 µm dry (122–305 µm wet)

Method of application	Pack size
Airless spray, air spray, brush, roller	20 L unit (17 L Part A + 3 L Part B) or 5 US gal unit

Intergard 740

Epoxy Finish

A two component epoxy finish coat suitable for brush, roller and spray application.

Type	Volume solids	Typical film thickness
Two-component	51% ±3% (depends on color)	50 µm dry (98 µm wet)

Method of application	Pack size
Airless spray, air spray, brush, roller	20 L unit (16 L Part A + 4 L Part B) or 5 US gal unit

Intergard 822

Epoxy Filler

Two-pack epoxy filler with zero VOC.

Type	Volume solids	Typical film thickness
Two-component	100%	As required

Method of application	Pack size
Knife, trowel	0.5 US gal unit (1 US quart Part A + 1 US quart Part B)

Protective Barrier Coatings

Interzone 954

Modified Epoxy Barrier Coat

A two component, low VOC, high solids, modified epoxy barrier coat designed to give long term protection in a single coat application. Will continue to cure when immersed in water and has excellent cathodic disbondment resistance.

Type Two-component	Volume solids 85% ±3% (depends on color)	Typical film thickness 250–500 µm dry (294–588 µm wet)
Method of application Airless spray, air spray, brush, roller	Pack size 20 L unit (16 L Part A + 4 L Part B) or 5 US gal unit	

Intershield 300

Aluminium-pigmented Epoxy

Two-component, abrasion-resistant pure epoxy pigmented with aluminium for long-term anticorrosive protection. Cures and overcoats quickly, even at low temperatures.

Type Two-component	Volume solids 60% ±2%	Typical film thickness 100–200 µm dry (167–333 µm wet)
Method of application Airless spray, brush, roller	Pack size 17.5 L unit (12.5 L Part A + 5 L Part B)	

Topcoats & Finishes

Interlac 665

Alkyd Finish

Single-pack, high-gloss alkyd finish.

Type Single-pack (one component)	Volume solids 48% ±3%	Typical film thickness 40 µm dry (83 µm wet)
Method of application Airless spray, conventional spray, brush, roller	Pack size 1 US gal, 5 US gal, 5 L or 20 L	

Interthane 990

Aliphatic Polyurethane

Two-component aliphatic acrylic polyurethane finish with excellent durability and long-term recoatability.

Type Two-component	Volume solids 57% ±3% (varies by shade)	Typical film thickness 50–75 µm dry (88–132 µm wet)
Method of application Airless spray, air spray, brush, roller	Pack size 20 L unit (17.14 L Part A + 2.86 L Part B)	

Antifouling & Fouling Release

Interspeed 6400

TBT-Free CDP Antifouling

TBT free, controlled depletion polymer (CDP) self polishing antifouling system.

Type	Volume solids	Typical film thickness
Single-pack (one component)	60% ±2%	75–150 µm dry (125–250 µm wet)
Method of application	**Pack size**	
Airless spray, brush, roller	20 L	

Interspeed 640

Self-polishing TBT-free Antifouling

High-efficiency, TBT-free self-polishing antifouling with an improved biocide release mechanism. Low VOC.

Type	Volume solids	Typical film thickness
Single-pack (one component)	62% ±2%	100 µm dry (161 µm wet); range 100–125 µm dry
Method of application	**Pack size**	
Airless spray, brush, roller	5 US gal	

Intersleek 731

Elastomeric Tie Coat

Two-component silicone elastomer tie coat that promotes adhesion between the priming system and the Intersleek finish coat.

Type	Volume solids	Typical film thickness
Two-component	63% ±2%	100 µm dry (159 µm wet)
Method of application	**Pack size**	
Airless spray, brush	10 L unit (5 L Part A + 5 L Part B)	

Intersleek 1100SR

Fluoropolymer Foul Release Coating

Advanced fluoropolymer foul release coating for the control of slime.

Type	Volume solids	Typical film thickness
Three-component (Parts A, B and C)	72% ±2%	150–200 µm dry (208–278 µm wet)
Method of application	**Pack size**	
Airless spray, brush	10 L unit (Part A 7.5 L, Part B 1.67 L, Part C 0.83 L)	

Tank & Pipeline Linings

Interline 850

Epoxy Phenolic Tank Coating

Two-pack, high-solids epoxy phenolic tank coating.

Type	Volume solids	Typical film thickness
Two-component	76% ±2%	5 mils dry (≈127 µm), 6.6 mils wet (≈168 µm)

Method of application	Pack size
Airless spray, roller, brush	20 L unit (16 L Part A + 4 L Part B), or 5 US gal

Interline 975P

Solvent-Free Epoxy Tank Lining

A two component, solvent free, heavy duty epoxy tank lining.

Type	Volume solids	Typical film thickness
Two-component	100%	300–600 µm dry (same wet); 400–1000 µm as single coat on tank floors

Method of application	Pack size
Airless spray, plural component airless spray (brush and roller for small areas only)	4.5 US gal unit (3 gal Part A + 1.5 gal Part B) or 150 US gal unit (100 gal A + 50 gal B)

Interline 984

Epoxy Phenolic Tank Lining

A two component, solvent free chemically resistant heavy duty epoxy phenolic tank lining.

Type	Volume solids	Typical film thickness
Two-component	100%	300–600 µm dry on walls; 400–1000 µm as single coat on tank floors

Method of application	Pack size
Plural component airless spray, airless spray, brush, roller	15 US gal unit (10 gal Part A + 5 gal Part B) or 18 L unit (12 L Part A + 6 L Part B)

Heat-Resistant Coatings

Intertherm 891

Oleoresinous Aluminium

One-pack oleoresinous aluminium coating.

Type	Volume solids	Typical film thickness
Single-pack	48% ±2%	1 mil dry (≈25 µm)

Method of application	Pack size
Airless spray, brush, conventional spray, roller	20 L, 5 L, 5 US gal or 1 US gal

Intertherm 50

Silicone Aluminum

A one pack, aluminum pigmented silicone resin coating.

Type Single-pack (one component)	Volume solids 45%	Typical film thickness 1 mil dry (25 µm); 2.2 mils wet
Method of application Airless spray, brush, conventional spray, roller	Pack size 4.8 L, 5 US gal or 0.8 US gal	

Intertherm 751CSA

Heat Resistant Cold Spray Aluminum

A two component, high build, high temperature resistant 'cold spray' applied coating, based on inorganic copolymer technology and pigmented with metallic aluminum flake.

Type Two-component	Volume solids 61%	Typical film thickness 100–200 µm dry (164–328 µm wet)
Method of application Airless spray, air spray, brush, roller	Pack size 1 US gal unit (0.98 gal Part A + 0.02 gal Part B) or 3.74 L unit (3.67 L Part A + 0.07 L Part B)	

Concrete & Flooring

Intercrete 4801

Structural Repair Mortar

Single-component, water-based (VOC-free), polymer-modified, fibre-reinforced, high-strength cementitious repair mortar.

Type Single-component (add clean water only)	Method of application Trowel, hand moulding, float, wet or dry spray	Pack size 25 kg packs

Intercrete 4840

Polymer Modified Cementitious Coating

Two-component, water-based (VOC-free) epoxy and polymer-modified cementitious coating for concrete and ferrous metals.

Type Two-component (liquid Part A + powder Part B)	Volume solids 100%	Typical film thickness 2000 µm (2 mm) dry
Method of application Airless spray, brush, trowel, skid leveller	Pack size 15 kg or 30 kg composite packs	

Color availability varies by product line. Contact us for current shades, bases and technical data sheets.



Allied Mineral Products

World leader in the design and manufacture of monolithic refractories and precast shapes, with solutions for refining and petrochemical units: FCCUs, reformers and crackers, sulfur recovery units, CO boilers and fired heaters.

Lightweight insulating

PRODUCT	
PETROMAX 3090 / 3090G	High-temperature lightweight insulating refractory with low iron content.
PETROMAX 2890G	High-strength, low-iron lightweight insulating material for gunning.
PETROMAX FAST 600 LT / 800 LT	Fast-drying, low-iron lightweight insulating materials for casting or gunning (200°F/hr).
PETROMAX PUMP 60LI / 80LI	Low-iron lightweight insulating material that can be cast, self-flowed, pumped or shotcreted.
PETROMAX LT HS	High-strength, low-iron lightweight insulating refractory for casting or gunning.

Fast-dry

PRODUCT	
PETROMAX 50G / 65G / 85G	Low-cement gunning mixes with a fast dry-out rating of 100°F/hr. The 85G is also used in abrasion-resistant FCCU service.
PETROMAX FAST 45 / 45G	Low-cement castable and gunning mix with a fast dry-out rating of 200°F/hr.
PETROMAX FAST 50 / 50G	Low-cement castable and gunning mix, 200°F/hr. Also abrasion resistant: used in FCCU transfer lines and CO boiler gas inlet ducts.
PETROMAX FAST 32 SA	Low-cement castable and gunning mix, 200°F/hr. Also abrasion resistant: used in FCCU transfer and overhead lines.

Abrasion resistant

PRODUCT	
ACTCHEM 45 / 45TF / 45VC	Abrasion-resistant refractory for FCCU transfer lines, wye sections and overhead lines.
ACTCHEM 85 / 85VC	Extreme abrasion resistance for FCCU cyclones, air distributors and hot-wall internals.
ACTCHEM 85 FG	Abrasion-resistant refractory, also used as a repair material in FCCU systems.
PETROMAX 110C / 110G	Abrasion-resistant refractory for FCCU transfer lines and CO boiler gas inlet ducts.
PETROMAX ABR / ABR G	Abrasion-resistant refractory for FCCU transfer lines, wye sections and overhead lines.
PETROMAX FLO FS / FS G	Abrasion-resistant refractory for FCCU seal pots, loops and transfer lines.

PETROMAX FZM	Abrasion-resistant refractory for demanding wear conditions.

Silica-free

PRODUCT	
PETROMAX 25NS / 25NS VC	Silica-free refractory material.
PETROMAX CAST 34 HR	Silica-free castable used in sulfur recovery units: burner head and throat, mixing wall and reaction chamber hot face.
PETROMAX CAST 34 / 34G	Silica-free castable for sulfur recovery unit burner heads, tubesheets and in-line heaters.
PETROMAX 33100	Silica-free refractory used for sulfur recovery unit tubesheets.

Corrosion resistant

PRODUCT	
ACID GUARD 135 / 135G	Corrosion-resistant refractory for chemically aggressive environments.
ACID GUARD PC	Corrosion-resistant refractory used in sulfur pits and stacks.
ACID GUARD G	Corrosion-resistant refractory used in sulfur pits and stacks.
NANO-CAST FS / NANO-PUMP FS / NANO-GUN FS	Corrosion-resistant refractory family, supplied for casting, pumping or gunning.

Special products

PRODUCT	
QUICK-FIRE 66 PCS	Fast-setting, fast-drying material for burner blocks and precast shapes.
PETROMAX TUFF 60A	Resistant to thermal shock and erosion; also part of the abrasion-resistant line.
PETROMAX 110HP	Abrasion-resistant material for manual or pneumatic ramming; used for repairs in FCCU systems.

Precast burner blocks & shapes

Ready-to-install precast shapes for burners in reformers, crackers, CO boilers and fired heaters.

More products from the application guides

PRODUCT	
PETROMAX 2250	Used in convection sections, breaching and stacks of reformer and cracker furnaces.
PETROMAX 2025	Used in convection sections and stacks of fired heaters.
PETROMAX 19 L	Used in breaching and stacks of reformer furnaces, crackers and fired heaters.
PETROMAX KAST 28 P	Used for floors in reformer and cracker furnaces, CO boilers and fired heaters.
PETROMAX RAM 70 P	Used in burners of CO boilers and fired heaters.
PETROMAX RAM 90 P	Used in burners of CO boilers and fired heaters, and in sulfur recovery unit burner heads, throats, tubesheets and in-line heaters.
PETROMAX CAST 27 / 600 LT	Used in fixed-bed reactors and exchangers in sulfur recovery units.
PETROMAX 3090 C	Used as backup lining for the reaction chamber of sulfur recovery units.
AMP 23 / 26 / 28 IFB	Allied insulating firebrick (IFB) grades for SRU reaction-chamber backup and CO boiler firebox sidewalls.

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HENKEL - CSNRI

Composite repair and rehabilitation systems for pipelines and industrial piping, restoring structural integrity without full replacement.

Composite Pipe Repair Wraps

- Fiber-reinforced repair wraps
- Pressurized-pipe repair systems

Epoxy Putties & Structural Compounds

- Structural repair epoxy putties
- Metal-reinforced compounds

Leak Sealing Systems

- Leak sealing compounds
- Clamp & seal systems

Corrosion Protection

- Pipeline corrosion coatings
- Protective wrap systems

Our full HENKEL - CSNRI product list is being finalized. Contact our team for current specifications and availability.

Request a quote

Tell us the product, quantity and application and we will reply with pricing, technical data and availability.

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