marathon®
WEG Group

Product Portfolio

MARATHON PRODUCT PORTFOLIO

June 2026 | New Zealand



marathon 100+ YEARS SINCE 1913

About Marathon Electric

Marathon Electric began in 1948 as CMG Electric Motors, founded in Melbourne by Chaim Mietek Gringlas. Starting with single-phase motors for domestic and light industrial use, CMG expanded into three-phase, heavy industrial, and mining applications, while also diversifying into copper wire, laminations, die-casting, and insulation products. CMG became part of Regal Beloit in 2010 and, in 2024,transitioned to the Marathon Electric brand — linking its local legacy with Marathon's global history since 1913 and the strength of the WEG Group.

Today, Marathon Electric Pacific delivers high-efficiency low and high-voltage motors, hazardous-area solutions, and customized designs for industries such as agriculture, cement, compressors, HVAC, food and beverage, mining, oil and gas, power generation, sugar, pulp and paper and water. Its offering also includes VSDs, soft starters, generators, industrial coatings (paints and varnishes), insulation, conductors, fan and blowers for air moving systems and service supplies — backed by WEG's global manufacturing network and local expertise to provide fast lead times, reliable solutions, and trusted after-sales support.

WEG Group



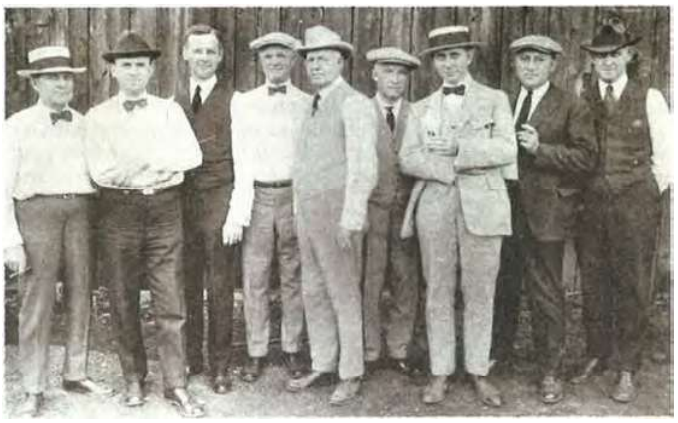
WEG Industries - Headquarters (Jaraguá do Sul, Brazil)



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WEG, founded in 1961 in Jaraguá do Sul, Brazil, is a global leader in electric motors, automation, power, and energy solutions. Operating in over 135 countries with more than 40,000 employees, WEG is recognized for its commitment to innovation, sustainability, and high-efficiency technologies. Its broad portfolio spans electric motors, drives, controls, transformers, generators, and renewable energy systems, serving industries from mining and oil & gas to infrastructure, pulp & paper, and energy. With a strong focus on research and development, WEG continues to deliver reliable, energy-efficient solutions that power industries worldwide. WEG is known as one of the largest electric motor manufacturers in the world.

Marathon Origins



It was 1913 when two Chicagoans headed north with the dream of starting their own motor manufacturing plant. E.M. Bischoff, a Westinghouse Electric salesman and Justin Lebovic, a Westinghouse design engineer, had everything they needed except capital. Fortunately, there was a group of enterprising men in Wausau, Wisconsin (USA), who wanted to turn around a declining lumber town by setting up a diversified economy. The investors were known as the Wausau Group.

With the organizational leadership and financial backing of the Wausau Group, Marathon Electric got off to a fast start. In a 1,115 square meters manufacturing facility at 26 Island Street began producing just one motor product. The 1/4-horsepower electric motors, used to run washing machines, provided first-year sales of USD $35,000.



Since 1913, a lot of good things happened and we are now a global organization with more than 2,800 employees across Australia, Canada, China, India, Mexico, New Zealand and the United States of America. We are recognized for our strong market presence, rich history and industry reputation in the global electric motors and generators segment.

In May 2024, WEG made a significant investment in Marathon Electric and officially acquired the company. This marks the beginning of an exciting new chapter, with a shared vision of driving efficiency, innovation, and sustainability to new heights. With WEG's extensive resources and expertise combined with Marathon Electric's proven track record, we are confident in building an even brighter future together. We are excited about the opportunities ahead and the positive impact this partnership will bring to our industry and customers.

Marathon Electric Locations Worldwide



Marathon Electric - Wausau, United States



Marathon Electric - Monterray, Mexico



Marathon Electric - Wuxi, China



Marathon Electric - Ahmedabad, India



Marathon Electric - Kolkata, India

3 Product Ranges | One Complete Offering

Marathon Electric offers a comprehensive range of electrical and mechanical solutions designed to support industrial, commercial and OEM applications across Australia and New Zealand. From motors and generators to drives, fans, coatings and insulation materials, our portfolio brings together globally trusted technologies with local expertise and support.

Our product range spans low and high voltage motors, hazardous area motors, smoke spill motors, generators, variable speed drives and soft starters, as well as a full suite of fans, blowers, fan blades, belt drives and air movement solutions. We also supply industrial coatings, electrical varnishes and resins, cables, insulating laminates, sleevings, tying cords and rewinding materials to support manufacturing, maintenance and overhaul requirements.

Backed by the global WEG network and supported locally by Marathon Electric Australia and New Zealand, our solutions are engineered for performance, reliability and long service life in demanding environments. Whether for mining, HVAC, infrastructure, marine, energy or general industry, Marathon provides a complete, end-to-end offering to support your projects from specification through to ongoing service and support.

Our ISO 9001 and IECEx/ATEX certified workshop provides specialised motor customisation to meet specific application requirements. In addition, we manufacture rigid insulation products tailored to precise customer specifications.

Marathon Electric New Zealand is also an IANZ-accredited inspection body, offering expert servicing of hazardous area motors and associated equipment.

Industrial Product Range

- General Purpose Motors
- Mining Motors
- Hazardous Area Motors
- Smoke Spill Motors
- Open Drip Proof Motors (ODP)
- Medium & High Voltage Motors
- Motor Control Products
- Generators

Commercial Product Range

- General Purpose & Special Application Motors
- Fan Motors
- Pool Pump Motors
- Evaporative Cooler Pumps
- Centrifugal Fans
- EC Forward Curved Centrifugal Fans
- EC Backward Curved Fans
- W30 EC Smart Motors
- Axial Fans
- Belt Drive Fans
- Fan Blades
- Forward Curved Wheels (Plastic & Metal)

OBA Product Range

- Winding Wire
- Flexible Insulation
- Sleevings & Tying Cords
- Flexible high-Temperature Cables
- Varnishes & Resins
- Rigid Insulation & Laminates
- Liquid Paint & Powder Coatings

Industrial Product Range

General Purpose Motors

Marathon has a versatile range of cast iron and aluminium industrial motors engineered for reliable, high-efficiency performance. These single- and three-phase motors are built for durability across light- through to heavy-duty industrial applications.

Specifications:

- 0.09 – 375 kW
- 220 – 240 V or 400 – 415 V, 50 Hz standard (others optional)
- Cast Iron Frame TEFC: IE3, IE4, IE5
- Aluminium Frame TEFC: IE1, IE2, IE3
- SF 1.0 standard; SF 1.15 available
- IEC 56 – 355; 2 – 8 pole standard (higher poles optional)
- IE1 to IE5 options (conforming to IEC 60034-2-1)
- –20°C to 40°C standard (higher ambient optional)
- Insulated shaft and Aegis ring optional
- TEFC IC411 standard (IC416/IC418 optional)
- IP66 standard for cast iron, IP55 for aluminium (IP56/66 optional)

Applications:

- Machine tools
- Gearboxes
- Pumps
- Material handling
- Air movement
- Compressors
- Conveyors
- Food & beverage



Mining Motors

Marathon's premium IEC mining motor range delivers robust, high-efficiency low voltage solutions for demanding industrial and mining applications, offering reliable performance, durability and compliance with international standards.

Specifications:

- 0.37 – 1000 kW
- 400- 415 V / 50 Hz standard (other voltages on request)
- Cast iron TEFC: IE2, IE3
- IEC 80 - 450 frames, 2- 8 poles (higher poles on request)
- Class H insulation / Class B temp rise
- –20°C to 40°C standard (higher ambient optional)
- Insulated shaft / bearing and Aegis ring / Earth brush optional
- IP66 standard protection
- IECEx / ATEX Certified for Zone 1, 2, 21 & 22
- Suitable for VSD supply

Applications:

- Mining
- Heavy-duty industrial applications
- Gearboxes
- Pumps
- Material handling
- Air movement
- Compressors
- Conveyors
- Food & beverage



Hazardous Area Motors

Marathon hazardous area cast iron motors are designed for safe, reliable operation in explosive Zones 1, 2, 21 and 22 environments, delivering premium efficiency performance with robust construction with IEC and ATEX hazardous area certifications.

Specifications:

- 0.55 – 630 kW
- 400 - 415 V / 50 Hz standard (other voltages on request)
- IEC 80 - 400 frames, 2- 8 poles
- IE2 and IE3 options
- S1 continuous duty (S9 duty with VSD available)
- Class H insulation / Class B temp rise
- – 20°C to 40°C standard (higher ambient optional)
- Insulated shaft / bearing optional
- Available in IP55 and IP66
- IECEx / ATEX Certified for Zone 1, 2, 21 & 22
- Suitable for VSD supply

Applications:

- Hazardous area
- Heavy-duty industrial applications
- Gearboxes
- Pumps
- Material handling
- Air movement
- Compressors
- Conveyors
- Food & beverage



Smoke Spill Motors

Marathon Smoke spill motors are high-temperature electric motors engineered to extract smoke and toxic fumes during fire emergencies. They are also designed for continuous dual-purpose operation, supporting everyday ventilation in buildings and tunnel systems.

Specifications:

- 0.75 - 90 kW
- 400 - 415 V / 50 Hz (other voltages/frequencies available)
- IEC 90 – 280 frames, 2 - 8 Poles
- Cast iron TEAOM: IE3
- Class H with Class B temp rise
- 300°C 120 minutes (400°C optional)
- 2 meter flying leads and loose terminal box as standard

Applications:

- Air movement
- Building and tunnel ventilation



Open Drip Proof Motors (ODP)

Marathon cast iron ODP motors are designed for specialised industrial applications requiring flexibility and performance. Built with robust construction, high efficiency, and configurable features to suit unique operating conditions.



Specifications:

- 11.0 – 710 kW
- 400 - 415 V / 50 Hz (other voltages/frequencies available)
- IEC 160 – 400 frames, 2 – 8 poles
- IE3, IE4 (IE2 available as LDM range on request)
- Class F with Class B temp rise (Class H optional)
- - 20°C to 40°C standard (higher ambient optional)
- Insulated shaft and Aegis ring optional
- Suitable for VSD supply

Applications:

- Pumps
- Air movement
- Compressors
- Conveyors
- Material handling systems
- General manufacturing and processing equipment

Medium & High Voltage Motors

Marathon heavy-duty three phase high voltage motor range is built for demanding, high-power applications. These motors are designed for reliable operations, durability and performance in harsh industrial conditions.



Specifications:

- IP54, IP55, IP56
- 185 to 6300 kW
- High voltage: 3.3 kV up to 13.8 kV
- Frames 355 to 800 ; cast iron or fabricated steel construction
- 2, 4, 6, 8, 10 and 12 poles
- - 20°C to 40°C. Derated up to 60°C
- Cooling method IC01, IC411, IC611, IC81W
- Aluminium cage / Copper bar rotor (Wound rotor motor optional)
- Suitable for VSD supply

Applications:

- Arduous environment
- Mining industry
- Air movement
- Water / sewage treatment plants
- Material Handling
- Pumps
- Compressors

Motor Control Products

Marathon offers a scalable motor control portfolio featuring variable speed drives and soft starters for applications ranging from simple systems to demanding industrial processes. Designed for efficiency, reliability, and cost-effective performance, the range supports flexible control methods, integrated communications, and robust protection features across applications including pumps, fans, conveyors, and heavy-duty machinery.



Variable Speed Drives (VSD)

- 100G Series / Standard: IP20/IP66 (0.37 – 90 kW) @ 380~480 V, 3Ph | IP20/IP66 (0.37 – 2.2 kW) @ 200~240 V, 1ph
- 100H Series / Pump & Fan, HVAC/R: IP20 (0.75 - 185 kW), IP00/20 (220 - 500 kW) @ 380 ~ 480 V, 3Ph
- 100HP Series / High Performance: IP21 (0.75 - 90 kW), IP00 (110 - 500 kW) @ 380~480 V, 3Ph
- G100 Series / General Purpose: IP20 (0.37 – 22 kW) @ 380~480V, 3Ph
- M100 Series / Compact Micro: IP20 (0.18 – 2.2kW) @ (200~240V), 1Ph



Soft starters

- MSS Series: up to 700kW @ 415V, up to 1200kW @ 690V, up to 1600kW @ 1200V (MSSA only)
- Supply/Mains Voltage: 200~525V | 380~690V | 1200V
- Control Voltage:100~120VAC / 220 ~ 240 VAC | 24VAC / VDC
- Ingress Protection (IP): IP00/IP20 | Bypass: built-in (except for 1200V version)

Generators

Marathon generators deliver dependable prime and standby power solutions for industrial, commercial and remote applications. Built for durability and consistent performance, the range supports critical power needs across construction, mining, infrastructure and backup power installations, providing reliable power when and where it is needed most.



- Single bearing with disc coupling and SAE adaptors
- Double bearing with customised shafts
- Standard exciters and with PMG exciters
- Standard AVRs and DVRs
- Single or multiple voltage connection options
- Class H insulation
- Specific application designs - Marine, Hazardous, Crane, Rail duties etc.

Ranges:

- MagnaPlus : 8 - 500 kW at 50 Hz 400 V
- MagnaPro : 560 - 1800 kW at 50 Hz 400 V (MV/MH on request)
- MagnaPower : 1760 - 3000 kW at 50 Hz 400 V (MV/MH on request)



Commercial Product Range

General Purpose & Special Application Motors

Marathon General Purpose & Special Application motors are built to AS NZS 60034, offering robust and versatile solutions for a wide range of industrial and OEM applications. These motors are designed for reliability and flexibility, these motors are available with multiple configurations, mounting options, and protection ratings to suit diverse operating environments.



Specifications:

- 120 – 2250 W
- 2, 4 & 6 pole
- 230 - 240V 50Hz (single phase) with optional 415V 50Hz (three phase); other voltages and frequencies available on request
- Motor Type: Split Phase, Permanent Split Capacitor (PSC), Resistance Start Induction Run (RSIR), Capacitor Start Capacitor Run (CSCR), or three phase
- Single, multiple or variable speed
- Single or double shaft with various shaft sizes available

Applications:

- HVAC
- Air compressors
- Brick saws
- General purpose belt-driven machinery
- Cement mixers
- Floor polishers
- Water pumps
- Evaporative coolers

Fan Motors

Marathon versatile range of fan motors designed for reliable, quiet operation across HVAC and air movement applications. These motors available in shaded pole, PSC and three-phase designs to suit light-duty through to heavy-duty requirements.



Specifications:

- 1.5 W – 1000 W
- 2, 4 & 6 pole
- 240V 50Hz (single phase) with optional 415V 50Hz (three phase); other voltages and frequencies available on request
- Motor Type: Shaded Pole, Permanent Split Capacitor (PSC), Resistance Start Induction Run (RSIR) or three phase
- Single, multiple or variable speed configurations available
- Single or double shaft, including fan hub or bare shaft options

Applications:

- HVAC & refrigeration
- Fan coil units & other OEM fan and cooling applications
- Condensers
- Evaporative coolers
- Ventilation systems and blowers
- General purpose air movement
- Pumps
- Drink agitators
- Welding and Medical equipment

Pool Pump Motors

Marathon pool pump motors are designed for corrosion-resistant performance in wet environments. The motors are suitable for residential and light commercial pool, spa and water circulation applications.



Specifications:

- 375 – 2200 W
- 2 pole
- Standard 240V 50Hz (single phase)
- Motor Type: Axial flux permanent-magnet brushless DC or Permanent Split Capacitor (PSC)
- Speed options: Variable speed with 3 preset speeds (BLDC models) / Single speed / Optional electronically switched 2-speed configuration
- Single 303 stainless steel shaft for superior corrosion resistance

Applications:

- Pools and spas

Evaporative Cooler Pumps

Marathon evaporative cooler pumps are compact shaded pole motors designed for reliable, continuous operation in evaporative cooling systems. These pumps are optimised for water circulation and airflow in residential and light commercial cooling application.



Specifications:

- 35 – 60 W
- 2 pole
- Standard 240V 50Hz
- Motor Type: Shaded Pole
- Single speed
- Single stainless steel shaft

Applications:

- Evaporative coolers

Centrifugal Fans

Marathon Air Systems' centrifugal fans are designed to deliver high airflow at low to medium pressure, making them ideal for compact HVAC and ventilation applications. Their efficient and versatile design provides reliable performance in systems such as air handling units, fan coil units and general ventilation.



Specifications:

- Forward curved centrifugal fans
- 1.5 – 1500 W
- 240V (single phase) with optional 415V (three phase) models
- Motor Types: Permanent Split Capacitor (PSC) or Shaded Pole
- Single, variable and multi-speed configurations
- Plastic and steel wheel versions available

Applications:

- Air handling units
- Fan coil units
- Air conditioning systems
- General ventilation
- Heating systems
- Wood and gas log fires
- Refrigeration systems

EC Forward Curved Centrifugal Fans

Marathon Electric's EC fans combine high-efficiency brushless motor technology with integrated speed control for precise airflow and reduced energy consumption. Their compact, low-noise design makes them ideal for modern HVAC and ventilation applications.

Specifications:

- 750 – 7500 W
- 240V and 415V
- Motor Type: Electronically Commutated (EC)
- Variable speed
- 7x7 to 18x13

Applications:

- Air handling units
- Fan coil units
- Rooftop units
- Ventilation systems
- Exhaust systems
- Evaporative condensers
- Air conditioning systems
- General ventilation
- Heating systems



EC Backward Curved Fans

Marathon Electric's EC plug fans featuring backward curved impellers, designed for quiet operation and precise variable speed control. Wheels built with durable aluminium alloy and plastic construction, they offer a compact, reliable solution for modern HVAC and ventilation applications.



Specifications:

- 30 – 7200 W
- 240V and 415V
- Motor Type: Electronically Commutated (EC)
- Variable speed
- Impeller size: 133 – 630 mm
- Wheel construction: Aluminium or plastic

Applications:

- Air handling units
- Fan coil units
- Rooftop units
- Ventilation systems
- Exhaust systems



Axial Fans

Marathon has a wide range of AC and EC axial fans that are available in multiple sizes in both induced and forced draught.



Specifications:

- 27 – 2500W
- 230 – 240V (single phase) and 400 – 415V (three phase)
- Motor Types: Permanent Split Capacitor (PSC), Electronically Commutated (EC) or three phase
- Single speed and variable speed
- 0 - 10V control (EC version only)

Applications:

- Fan coil units
- Refrigeration systems
- Condenser fans
- General ventilation systems



Belt Drive Fans

Marathon robust range of belt-driven fans are designed for flexible performance across HVAC and industrial ventilation systems. These fans are available in forward curved, backward curved aero-foil and backward inclined designs for efficient, reliable air movement.



Specifications:

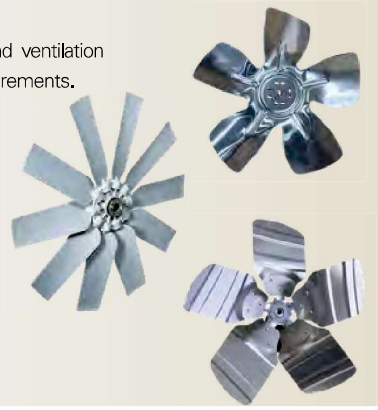
- Forward curved (SYT, SYD), aero-foil (SYH), backward curved (SYQ)
- Galvanised steel
- Standard and heavy-duty options
- Approx. 160 mm to 1600 mm
- Foot mounted or square framed (model dependent)
- Custom designs available on request

Applications:

- Air handling units
- Fan coil units
- Evaporative condensers
- Air conditioning units
- General ventilation
- Heating systems

Fan Blades

Marathon range of aluminium and composite fan blades designed for efficient airflow across HVAC, refrigeration and ventilation systems. These blades are available in fixed and adjustable pitch designs to suit a wide range of airflow and installation requirements.



Specifications:

- PU (one-piece aluminium), PS/PM/PH/PB (steel spider with aluminium paddles), Auswing (glass-filled polypropylene)
- Fixed pitch (20° – 40°) and adjustable pitch options available
- 3, 4, 5 or 10 paddle configurations
- 178 – 660 mm (Auswing 26" standard)
- Available in multiple bore sizes and designs
- Up to 3600 L/s airflow capacity (model dependent)

Applications:

- Refrigeration and freezer cabinets
- Ventilation and exhaust systems
- Heating appliances and equipment
- Evaporative coolers and condenser units

Forward Curved Wheels (Plastic & Metal)

Marathon lightweight plastic and heavy-duty metal forward curved wheels designed for efficient airflow in HVAC and ventilation systems. These are available in multiple sizes, widths and materials to suit temperature, corrosion and performance requirements.



Specifications:

- Manufactured from glass-filled polypropylene (20%, rated 156°C) or Glass-filled nylon (30%, rated 207°C)
- Galvanised steel and aluminium
- Louver-strip or inserted blade types
- Single or double width
- 80 – 457 mm
- 6 mm, ½" and multiple bore sizes; over-molded, non-slip, plated hubs available

Applications:

- Air handling units
- Fan coil units
- Evaporative condensers
- Air conditioning units
- General ventilation
- Heating systems

OBA Product Range

Winding Wire

Marathon OBA proudly distributes winding wire products from Essex Solutions, a world-leading manufacturer of high-performance copper magnet wire. Our range is designed to meet the demanding requirements of industrial motor and generator applications.



GP/MR 200 Magnet Winding Wire

GP/MR-200 magnet wire is the industry benchmark for performance in severe-duty and heavy-duty applications. Rated to 200°C, this copper conductor features a modified polyester base coat combined with an enhanced polyamide-imide top coat, delivering excellent thermal endurance, mechanical strength, and chemical resistance.

Ultra Shield Plus (USP) Magnet Winding Wire

UltraShield Plus (USP) magnet wire is specifically engineered for inverter-duty motor applications, where higher voltage spikes and electrical stress are present. Rated to 200°C, USP wire utilises the same proven modified polyester base coat and polyamide-imide topcoat, with additional enhancements for superior electrical protection.

Applications:

- Motor / Generator rewinding
- Trace wire

Flexible Insulation

Marathon OBA stocks a comprehensive range of flexible insulation materials designed for use in electrical machines and industrial applications. Our insulation products are available in temperature classifications up to 220°C, ensuring reliable performance across a wide range of operating conditions.



With a broad selection of materials offering varying mechanical, electrical, and thermal characteristics, we are confident we can supply a solution to meet your specific application requirements.

Available materials consist of:

- Polyester film
- Hyply (Poly film / Elephantide Paper)
- DMD (Dacron / Mylar / Dacron)
- NMN (Nomex® / Mylar / Nomex®)
- Nomex® 410

Sleevings & Tying Cords

Marathon OBA offers a comprehensive range of sleevings for electrical insulation and protection in motors and generators. The range covers multiple insulation classes and materials in sizes from 0.5 mm to 25 mm.



Types of Sleeve:

- Standard 4kV sleeving (acrylic-impregnated glass)
- Vidaflex SD550 (silicone-coated glass)
- Vidaflex 111 (silicone-impregnated glass)
- Monofil PE (Polyester sleevings)

We also supply tying cords in high-tensile polyester featuring weftless construction for added strength and durability.
Available formats (tying cords):

- 4-strand (4 mm width)
- 8-strand (8 mm width)

Flexible High-Temperature Cables

Marathon OBA supplies a range of high-performance flexible cables engineered for demanding electrical and thermal environments in motors, generators and industrial equipment. These cables provide excellent flexibility, thermal stability and long service life under severe operating conditions.

The range includes Silicables® ECS & ECSP high-temperature flexible cables (up to 180°C) for internal motor wiring and coil connections, and Silicoul® silicone rubber insulated cables (1.1 kV & 13.8 kV) for low- and medium-voltage power applications. Available in a wide range of conductor sizes and colours, these cables deliver reliable electrical performance, high dielectric strength and long-term resistance to heat and ageing in demanding industrial environments.



Sizes available:

- Silicables® : 0.5 to 95mm^2
- Silicoul® : 10 to 95mm^2

Varnishes & Resins

Marathon Electric Australia supplies a comprehensive range of high-quality electrical varnishes and resins from globally recognised manufacturers such as Von Roll and Elantas. As the authorised distributor for Von Roll products in Australia, we offer trusted insulation solutions proven in motors, generators, and transformers worldwide.



Available types of Varnish:

- Elmotherm Air Dry Varnish Aerosal Cans (Red and Clear)
- Elmotherm Impregnating Varnish (Red, Grey, White and Clear) : 5 and 20 L drums
- Elmotherm Oven Curing Varnish (083 - 1980, 31 - 398) : 200 L drums
- High Flash Oven Curing Varnish (Isonel 31HF) : 200 L drums
- Vonroll VPI Varnish : 200 L drums

Rigid Insulation & Laminates

Marathon Electric (OBA) supplies a comprehensive range of rigid insulating laminates for applications across a wide range of thermal, electrical and mechanical conditions. The range includes traditional paper- and fabric-based phenolic laminates as well as advanced high-performance insulation materials for domestic and heavy industrial applications. These materials provide reliable electrical insulation, mechanical strength and thermal resistance for switchgear, panels, structural insulation and high-temperature application.





Our range includes:

- Type "X" paper phenolic switchpanels
- Paper and fabric Bakelite laminates
- Polyester glass laminates (GPO-3 and high-temperature grades)
- Epoxy glass laminates (G10 and G11)
- Silicone-bonded mica
- PVC sheets
- Polycarbonate sheets
- Vulcanised fibre

We can also supply rigid insulation products in customised configurations.

marathon 100+ YEARS SINCE 1913

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