



صناعات الفيرمكيولايت العربية
ARABIAN VERMICULITE INDUSTRIES



Company Profile

ARABIAN
VERNICULITE
INDUSTRIES



GM Message

Arabian Vermiculite Industries (AVI) prides itself on building a strong reputation over the years by manufacturing quality products and providing an outstanding service to our clients worldwide.

Arabian Vermiculite Industries has a range of products that protect over 2,000 projects in over 30 countries. Such an achievement has only been made possible by our dedicated management team, staff and the strong partnership we have built with our customers.

For over 30 years of experience in the construction industry, AVI is honoured with its success and international recognition as one of the pioneering companies to have introduced Passive Fireproofing and enhanced fire safety in the Middle East.

We continue to invest in Research and Development in order to assure we provide the latest technology in our field.

AVI continues to strive in expanding our already vast client base, as well as working closely with leading consultants, engineers and applicators to ensure its growth in the world market for quality Fireproofing materials.

We hope that Arabian Vermiculite Industries will be your next partner in the near future. We guarantee to work to the best of our abilities to support your business. We look forward to welcoming you to our world

Mohammed Al Qarni
General Manager



About Arabian Vermiculite Industries

Mission statement

Arabian Vermiculite Industries (AVI) aims to continuously improve the effectiveness of its operating procedures, to develop, test, manufacture and provide full technical support for its range of products. Arabian Vermiculite Industries aims to continue to grow with the industries that it operates in to maintain its position as a leading manufacturer in its fields.

Introduction

Arabian Vermiculite Industries was established in 1985 by Khalifa A. Algozaibi Investment Co to manufacture and service the increasing demand for quality Fireproofing materials in the growing construction sector. AVI has established exclusive manufacturing licensing agreements with W. R. Grace and Company, U.S.A.

Over the years AVI was able to build and establish its position as the leading manufacturer of a full range of Fireproofing products.

Arabian Vermiculite Industries is certified by ISO 9001:2008 Quality Management System and ISO 14001:2004 Environmental Management System.

Arabian Vermiculite Industries is the only Fireproofing Manufacturer in Saudi Arabia.



ABOUT ARABIAN VERMICULITE INDUSTRIES



OBJECTIVES

Arabian Vermiculite Industries aims to operate under a Continual Improvement Philosophy by actively pursuing the following objectives:

- To be the market leader in the Fireproofing industry
- Contribute to new industry standards
- Review and improve on Quality Control with new technology
- Develop new products
- Retest products for longer durability and enhanced safety
- Expand into new export markets
- Focus on environmental aspects with effective management of resources
- To provide continuous technical support to our customers and closely coordinate with Consultants and Engineers

KEY SUCCESS FACTORS

- Arabian Vermiculite Industries materials are considered of the highest quality meeting the highest international standards prevailing in the industry
- AVI uses sophisticated state of the art manufacturing equipment
- Exceptional management and continuous training and development of personnel
- Continuous Research and Development
- Work closely with Licensor W. R. Grace and Company, U.S.A.
- Use third party quality surveillance audit with Underwriters Laboratories Inc (UL), Factory Mutual (FM), CE and ISO
- Products are certified by all major certifying bodies UL, FM, CE, BS, Lloyd's Register, TNO etc.

PRODUCTION FACILITIES



MANUFACTURING PLANT

Arabian Vermiculite Industries' main factory is located in the First Industrial City, Dammam, Saudi Arabia. The plant utilizes the latest manufacturing equipment and modern lab facilities. The factory is managed and operated by qualified personnel with years of experience in production, testing and application for the full product range manufactured by AVI.



The daily production capacity of the plant is approximately 200 tons of Fireproofing material.

SECOND MANUFACTURING PLANT

Arabian Vermiculite Industries' second factory is located in the Second Industrial City, Dammam, Saudi Arabia. This plant was established in 2010 with an area of 15,000 square meters.

The factory is fully equipped with the latest equipment including 3 furnaces in its production unit to manufacture: *Expanded Perlite* and *Exfoliated Vermiculite*.



The daily production capacity of the plant is 500 cubic meters of Perlite, 300 cubic meters of Vermiculite.

MARKETING & DISTRIBUTION



MARKETING

Since 1985, Arabian Vermiculite Industries has supplied over 700,000 tons of Fireproofing material to over 2,000 major projects worldwide which include Chemical Plants, Refineries, Airports, Commercial Centers, Power Stations, Warehouses, Residential Centers, Hospitals, Schools and High Rise Buildings.



Arabian Vermiculite Industries' factory and head office is located in Dammam, Saudi Arabia with branches nationwide and distributors located globally. This allows a geographical strategic position for logistic operations.

MARKETING

Arabian Vermiculite Industries standards require all applicators to be approved for the application of its materials. AVI has approved applicators and agents in:

- Africa
- Europe
- Middle East
- Asia

MAJOR CLIENTS

ارامكو السعودية
Saudi Aramco



سابك
SABIC



Petrofac



حاسكو
GASCO



قطر للبترول
Qatar Petroleum



DAEWOO E&C

شركة البترول الوطنية الكويتية

إحدى شركات مؤسسة البترول الكويتية
A Subsidiary of Kuwait Petroleum Corporation

KNPC



QUALITY MANAGEMENT



ARABIAN VERMICULITE INDUSTRIES PRODUCTS CONFORM TO THE LEADING INTERNATIONAL STANDARDS AND SPECIFICATIONS.

UL 1709	U.S.A.
UL 263/ASTM E-119	U.S.A.
JIS A 1304	Japan
PNE 23.820	Spain
BS 476, Part 8	England
ULC S101/ASTM E-119	Canada
ISO R-834	France
DIN 4102	Germany
KSF-2257	Korea
OTI 95 634	U. K.

QUALITY STANDARDS

Arabian Vermiculite Industries' factory is quality audited by the Underwriters Laboratories (UL) and Factory Mutual, U.S.A. (FM) to ensure full compliance with the written quality procedures.

All products produced by Arabian Vermiculite Industries undergo Quality Control to ensure full compliance to the standards and are only shipped after it is approved for dispatch by the quality control laboratory. Each bag carries the date and the batch number, while a sample of the product is retained for future reference.

AVI Petrochemical products also meet the properties in accordance with API Guidelines (Publication 2218) and ASTM test procedures.

AVI has a team of qualified engineers working closely with consultants and contractors to assist in the recommendation and specification of Fireproofing material. The team also assists project managers and applicators at site during application to ensure the standards are maintained.



QUALITY POLICY

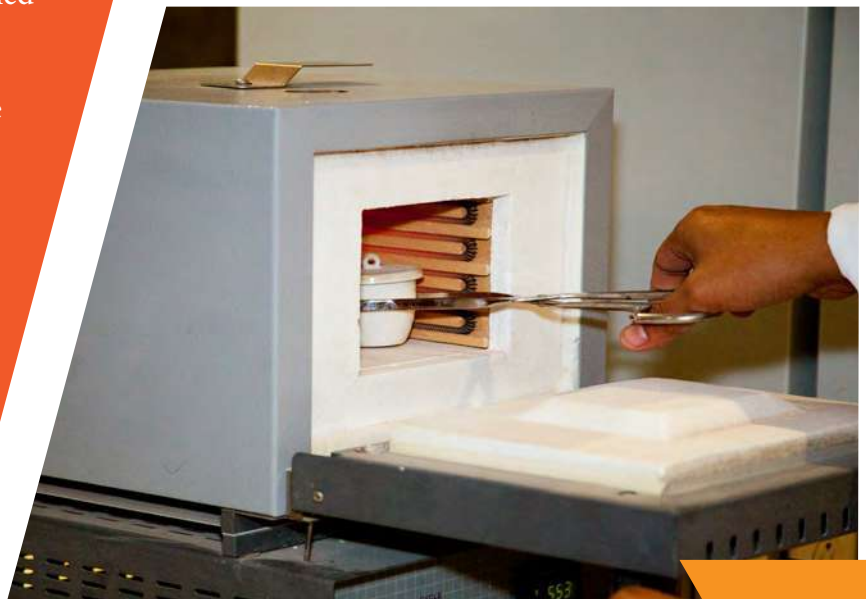
Arabian Vermiculite Industries top management and all its employees are committed to the Quality Management Systems that are required to produce Quality Fireproofing, Insulation and Horticultural products.

Arabian Vermiculite Industries is committed to the continuous improvement of the effectiveness of its operating procedures and processes throughout the product life cycle and across the Quality Management Systems.

Qualified engineers are trained to maintain quality policies with consultants and contractors to ensure standards are parallel to those of Arabian Vermiculite Industries. Information trade and quality control with Fireproofing material undergo several processes with all stakeholders to make sure that Fireproofing products are developed and applied in accordance to the standards.

Arabian Vermiculite Industries adhere to the requirements of its Certified ISO 9001:2008 standards by periodically reviewing its quality objectives to provide required resources in order to maintain and improve product quality.

ISO
9001:2008



ENVIRONMENTAL & SOCIAL RESPONSIBILITY



ENVIRONMENTAL POLICY

Arabian Vermiculite Industries is committed to leading the industry in minimizing the impact of its activities on the environment.

- Meet or exceed all the environmental legislations that relates to the company
- Continuous improvement in environmental performance, including areas not subject to regulations
- Training employees on environmental issues
- Maintaining a safe working environment
- Encouraging suppliers and buyers to become environmentally responsible.
- Minimize waste by regularly evaluating operations
- Actively promote recycling



Arabian Vermiculite Industries holds an annual tree planting activity as part of its initiative to help the environment.



PACKAGING

Arabian Vermiculite Industries is focused on reducing the environmental impact on packaging.

- Compliance with all relevant Health, Safety, Environment and Transport legislation and standards
- Reducing packaging and waste by design throughout the packaging system
- Regular assessment and review with the international standards
- All packaging materials are reusable and recyclable



CORPORATE SOCIAL RESPONSIBILITY

Arabian Vermiculite Industries has ensured it practices corporate social responsibility when conducting its business operation and contributes its due responsibilities to society. AVI will also continue to increase public awareness in fire safety by continually working closely with civil defense departments and promote media campaigns emphasizing fire safety across the region. AVI has ensured it contributes to its social responsibility by employing a large number of local workforce that are trained to excel in specialist fields. In addition, AVI is dedicated to maintain health and safety as a priority in its operations. AVI has also continuously participated in supporting charitable organizations as another focus of its CSR duties.



PRODUCT RANGE

SIX PRODUCT LINES



Fireproofing

- For the protection of steel buildings
- Hydrocarbon rated Fireproofing material
- Fireproofing material for the protection of chemical, petrochemical, gas plants and refineries conforming to ASTM E119 and UL1709
- Fireproofing materials for tunnels
- Fireproofing Intumescent Paints



Firestops

- A full range of fire stopping material used in all types of buildings to prevent the passage of fire and smoke from room to room through joints, cables and pipes.
- Conforming to BS EN specifications



Acoustical

- A range of spray applied acoustical plasters designed for interior and exterior sound absorption
- Tested as per ASTM C423 and #795 and with fire rating as per ASTM E119 up to 4 hours



Expanded Perlite for Construction use:

A full range of expanded perlite for masonry wall Insulation, under floor Insulation, cryogenic Insulation for cold boxes and all types of gas tanks, Insulating boards, light weight concrete aggregate, Insulating plasters, light weight blocks and roof deck Insulation

Expanded Perlite for Horticultural use:

Soil Amendment use in professional potting soils for outdoor mixers in turf grass and outdoor plantings for gardens. Increasingly used for commercial and amateur hydroponic growing and water conservation.

Expanded Perlite



Exfoliated Vermiculite for Construction use:

Vermiculite has some interesting properties that make it useful in a number of industrial applications, from Insulation in tanks, absorbents packing's, filtration media as light weight aggregates, for plastering and Fireproofing, loose fill Insulation

Exfoliated Vermiculite for Horticultural use:

Vermiculite is used in horticultural fields as it is inorganic and does not deteriorate, exhibits excellent water retention, improves soil irrigation, reduces soil temperatures, hence, used as a soil conditioner for landscaping, gardens and house plants.

Exfoliated Vermiculite



Horticultural

A full range of soil improvement products for all types of horticultural works and landscaping. Our product range consists of Perlite/Vermiculite and Peat Moss/potting soils; a complete balanced versatile soil mix for both outdoor and indoor plants for seed germinations, propagations, cuttings and hydroponics.



PRODUCTS



PRODUCTS

Density Level

- HIGH
- MEDIUM
- LOW

FIREPROOFING

PETROCHEMICAL

Avikote

- Avikote AV650 ●
- Avikote AV800 ●

TUNNELS

Avikote

- Avikote AV650 ●
- Avikote AV800 ●

Monokote

- Monokote Z146 T ●
- Monokote Z156 T ●

CONSTRUCTION

Intumescent Paints

Avikote

- Avikote WB 600
- Avikote WB 900
- Avikote WB1200

Cementitious

Monokote

- Monokote MK6S ●
- Monokote MK6HY ●
- Monokote Z106 ●
- Monokote Z106HY ●
- Monokote Z146 ●
- Monokote Z156 ●

Thermal Fire Barrier

Monokote

- Monokote Z3306



FIRESTOPS

- HPM Mortar
- Avimastic Sealants
- Avicoat
- Avicable (Cable coating)
- And others

EXPANDED PERLITE

- Cryoperl
- Insulperl

HORTICULTURAL

- Agrolite Vermiculite
- Agrolite Perlite
- Plantaflor Peat Moss
- Easy Grow Peat Moss
- Fertilized Peat Substrate
- Profi potting soil
- Garden Flor Potting Soil

ACOUSTICAL

- Sonotex - 1
- Sonotex - 5
- Sonotex - 35
- Sonophone - 1
- Sonophone - 5
- Sonophone - 35

EXFOLIATED VERMICULITE

- Zonolite masonry insulation
- Zonolite insulating concrete

TOP COATS

- Avikote Topshield
- Avi Tuff Kote

SUPPORT PRODUCTS

BONDING AGENT

- Avibond
- Firebond

JOINT SEALANTS

- Avisealant
- AviCemSil

PROJECTS



Ministry of Interior, Saudi Arabia



Aldar Headquarters, Abu Dhabi, UAE



Abu Dhabi National Exhibition Centre, UAE



Paris-Charles De Gaulle Airport, France



Bahrain International Airport, UAE



Dubai International Airport, UAE





SABIC SADF, Saudi Arabia



Karachaganak Gas Plant, Kazakhstan



Emirates Gas, UAE



Mina Abdullah Refinery, Kuwait



Sonatrach Petrochemical Plant, Algeria



Laffan Refinery, Qatar



COMPANY CERTIFICATION



STANDARDS

Quality Management System Certification

ISO 9001:2008

Environmental Management System Certification

ISO 14001:2004

Certification Bodies

- UL
- CE
- FM
- Lloyds
- Warrington
- IFC



Fire Tests

- UL 1709
- UL 263/ASTM E119
- BS 476 PART 20-22
- BS 476 PART 20 APPENDIX D (HYDROCARBON FIRE)
- JET FIRE TO OTI 95 634
- HOSE PER NFPA 25Q
- RWS FIRE FOR TUNNELS



Clients Approvals



- SAUDI ARAMCO
- SINOPEC
- QATAR PETROLEUM (QP)
- GATAR GAS
- QATAR PETROLEUM COMPANY LIMITED (QAPCO)
- EMIRATES NATIONAL OIL COMPANY
- GASCO ABU DHABI UAE
- SAKHALIN ENERGY INVESTMENT COMPANY LIMITED
- TOTAL FINA ELF
- GS-DAEWOO CONSORTIUM
- RELIANCE PETROLEUM LIMITED INDIA
- BECHTEL CORPORATION
- KUWAIT OIL COMPANY
- PETROFAC INTERNATIONAL
- BROWN & ROOT / TECHNIP
- KRUPP UHDE AUTHORITY RUSSIAN FEDERATION
- PARS OIL & GAS COMPANY
- KHALDA PETROLEUM COMPANY EGYPT
- CRESCENT PETROLEUM
- EMIRATES GAS UAE
- KUWAIT NATIONAL PETROLEUM COMPANY (KNPC) KUWAIT

OFFICES & DISTRIBUTORS



HEAD OFFICE

DAMMAM, SAUDI ARABIA

P. O. Box 7137,
Dammam 31462,
Saudi Arabia
Tel : +966 (13) 847 1450
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BRANCH OFFICES

JEDDAH, SAUDI ARABIA

Tel: +966 (12) 674 3100 / 674 6020 / 674 8663
Fax: +966 (12) 674 3035

RIYADH, SAUDI ARABIA

Tel : +966 (11) 472 8119 / 011-478 4440
Fax : +966 (11) 478 8376

JUBAIL, SAUDI ARABIA

Tel : +966 (13) 363 6650
Fax : +966 (13) 363 6649

AL HASSA, SAUDI ARABIA

Tel : +966 (13) 588 6622
Fax : +966 (13) 588 7722



KHANNIS, SAUDI ARABIA

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MEDINA, SAUDI ARABIA

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Fax : +966 (14) 390 2170

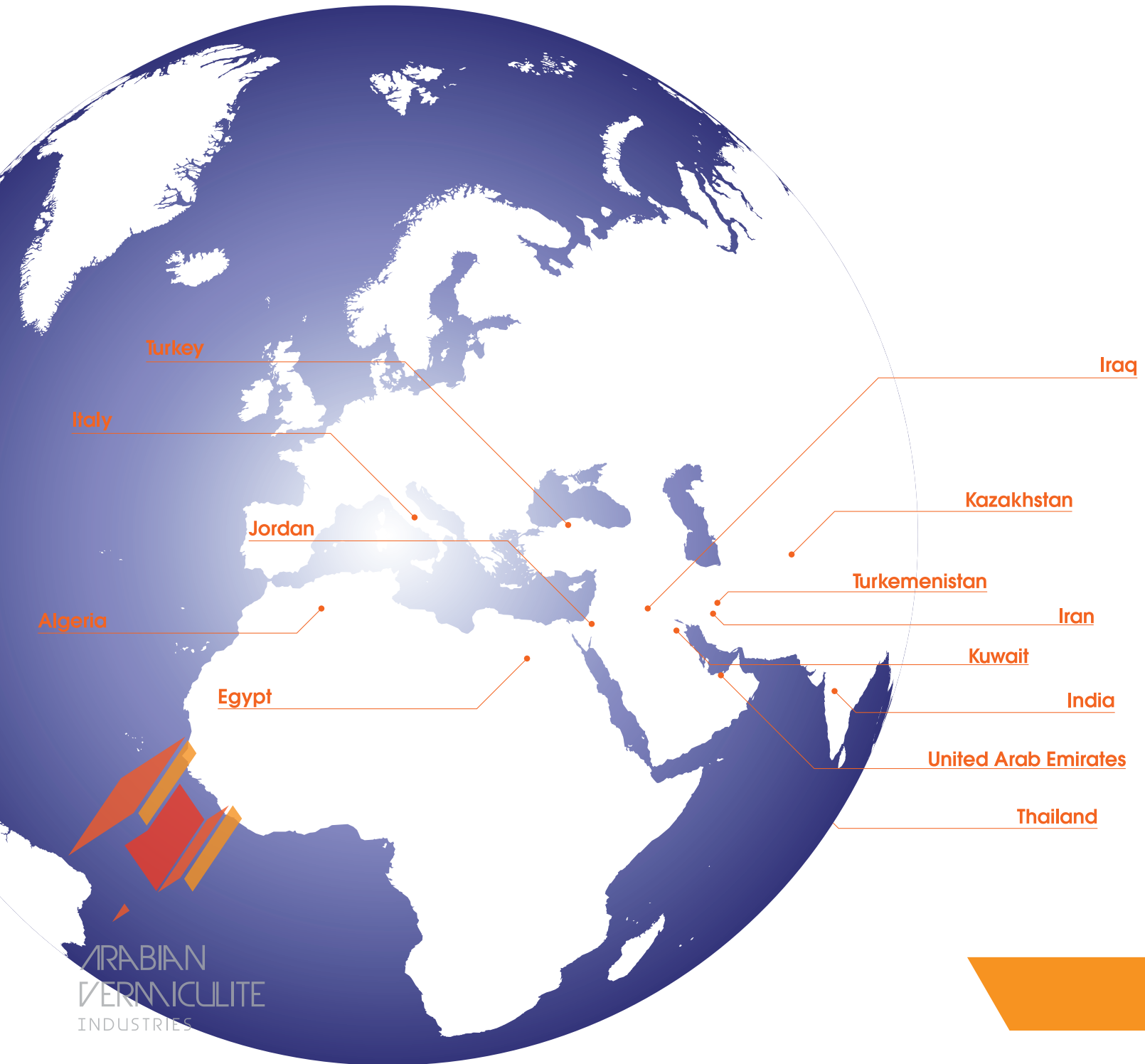
DUBAI, UNITED ARAB EMIRATES

Tel: +971 (4) 221 1966
Fax: +971 (4) 223 8600



INTERNATIONAL DISTRIBUTORS

Arabian Vermiculite Industries distributor offices are located in the following countries:



ARABIAN
VERNICULITE
INDUSTRIES



صناعات الفيرمكيولايت العربية
ARABIAN VERMICULITE INDUSTRIES

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