

AFT ISOLASI SDN BHD

Company Profile



ACOUSTICS. FIRE.THERMAL

AFT ISOLASI SDN BHD

COMPANY PROFILE.



ACOUSTICS. FIRE. THERMAL

AFT ISOLASI SDN BHD

(1030465-H)

ROCK MINERAL WOOL INSULATION.

**ACOUSTICS
CONTROL**

**FIRE
RETARDANT**

**THERMAL
EFFICIENCY**



YOUR PARTNER IN INSULATION

COMPANY OVERVIEW.

We are a reliable supplier of quality Rock Mineral Wool and Glasswool Insulation products and other insulation accessories.

Established in early 2013, we partner with our customers to make their organizations become competitive, innovative and more profitable by supplying the right and cost effective insulation products.

AFT Isolasi is the **Sole Importer and Stockist in Malaysia for TOMBO™ Brand of Rock Mineral Wool Insulation** manufactured by PT NICHIAS ROCKWOOL INDONESIA; a factory wholly owned by NICHIAS CORPORATION, JAPAN.

We are also the sole importer cum stockist of quality EQUINOX™ brand Glasswool Insulation.

We keep ample stocks of standard density and thicknesses of Slabs, Rolls, Wire Mesh and Pipe Sectionals at our warehouse in Panglima Garang

Both TOMBO™ Rock Mineral Wool and EQUINOX™ Glasswool are MS 1020 accredited by SIRIM Malaysia.

With an average experience of 25 years in the insulation industry for each of the 3 Directors, we are not just a supplier.

As we understand the insulation business well, we are able to offer our customers the right and most cost effective solutions.

We aim to provide our customers with great experience and satisfaction when dealing with us.

At AFT Isolasi, **“we don’t merely sell you insulation; we partner with you in finding the right solutions for your needs.”**

As our name implies, we strive to offer the right solutions in Acoustics Control, Fire Protection and Thermal Control Applications and has successfully supplied into many commercial and industrial projects throughout Malaysia.

COMPANY DATA.

Co Name	AFT ISOLASI SDN BHD (1030465-H)
Year Established	Jan 3 2013
Office Address	6-1, Jalan Sungai Burung Y/32Y Sekysen 32, Bukit Rimau 40460, Shah Alam Selangor Darul Ehsan Malaysia
Warehouse Address	Lot 793, off Jalan Telok Mengkuang Mukim Telok Panglima Garang Selangor Darul Ehsan
Tel	603 -5525 3629, 603- 5525 3612
Fax	603- 5525 3628
Website	www.aftisolasi.com.my
Nos of Employees (July 2018)	12
Our Bankers	CIMB, MayBank
Nature of Business	<ul style="list-style-type: none">• Sole Importer /Stockist of TOMBO™ Brand Rock Mineral Wool and EQUINOX™ Glasswool Insulation• Supplier of other Insulation Accessories

VALUE PROPOSITIONS.

- ✓ Warehouse space of 40,000 Sq feet
- ✓ We keep ample stocks of standard materials
- ✓ Ownership of Supply; Sole Importer/Stockist in Malaysia
- ✓
 - We have technical knowledge, able to offer solutions
 - Average experience of Management in insulation – 25 years
 - Good Industry Knowledge
- ✓ We offer Lamination services
- ✓ We offer Cut to Size services
- ✓ There is no MOQ for standard materials
- ✓ Quality Assured. MS 1020 Accredited; BOMBA Approved.
- ✓ Short Lead Time
- ✓ Competitive Pricing
- ✓ Quick Response Time



PRODUCTS & SERVICES.

Plain Rock Mineral Wool – Roll



Plain Rock Mineral Wool – Board



Plain Rock Mineral Wool – Pipe Sectionals



Rock Mineral Wool Roll Laminated with Aluminum Foil



Rock Mineral Wool Board Laminated with Black Tissue



Loosewool

❑ Insulation Accessories

- Aluminium Coil/sheet
(In plain or stucco embossed)
- Spindle Pins
- Banding straps
- Washers
- Galvanized Roofmesh 3315
- Self Adhesive Aluminium Foil Tape
- Aluminium Foil

Cut To Size Rock Mineral Wool



**Calcium Silicate Boards
and Sectionals**



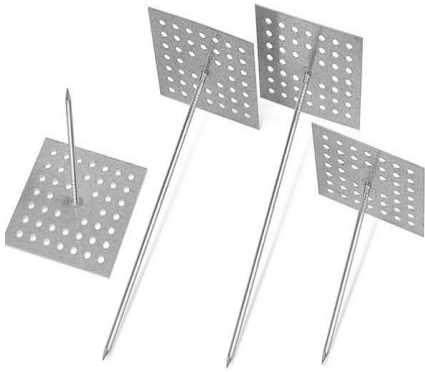
Laminated Glasswool



Glasswool



EQUINOX Glasswool
Insulation



Insulation Pins



Ceramic Fibers



Aluminium Foil Tape



Aluminium Roofing Foil



Flexible Duct



**Fiberglass Black Matt
Tissue**

MANUFACTURING OF Rock Mineral wool by PT NICHIAS ROCKWOOL INSULATION.

Using the latest state of the art technology, Nichias is able to manufacture a comprehensive range of high performance insulating materials.

Rock Mineral Wool:

Manufactured and sold under the name of TOMBO "MG Product", the insulation material is technically made from several types of minerals which are melted together at high temperature ; the spun fibers are collected by centrifugal force; heat resistant binder are then added before it goes into the curing oven to ensure that the binder is properly cured.

TOMBO MG Products are light weight and is easy to handle. It is a safe to use Rock Mineral wool .In general, Rock Mineral Wool does not cause any effect to human health.

The International Agency for Research on Cancer (IARC) has classified Rock Mineral Wool under Group 3 (*Not classifiable as to carcinogenicity in humans*)

❑ TOMBO MG Board™



Slab shaped insulation widely used in heated vessels, equipments, tanks and for acoustic control in partitions, sound rooms and cinemas.

Manufactured in accordance to ASTM C-612

❑ TOMBO MG Mighty Roll™



Flexible blanket insulation. Widely used for tank insulation, ducting and roof insulation.

Manufactured in accordance to ASTM C- 553

MANUFACTURING OF ROCK MINERAL WOOL BY PT NICHIAS ROCKWOOL INSULATION.

❑ TOMBO MG Mighty Wire Blanket™



Stitched with wire to a facing of galvanised wire mesh of hexagonal pattern.
Flexible; Widely used for fittings, large diameter pipes, cylindrical and spherical surface of boilers.

Manufactured in accordance to ASTM C -592

❑ TOMBO MG Mighty Cover™



Pre Molded Pipe cover. Comes in 1.0M snap on system. Speed in installation. OD ranges from 21.3mm to 812mm

Manufactured in accordance to ASTM C 547



PT. NICHIAS ROCKWOOL INDONESIA

*** Rock Mineral Wool manufactured by PT Nichias Rockwool Indonesia does not contain any asbestos fibers nor Freon such as CFCs, HFCs, SCFs, HCFCs that will affect the e

OUR STOCKS.



TOMBO MG Rolls



TOMBO MG Pipe /Roll



TOMBO MG Pipe Cover



Our Warehouse

PROJECT REFERENCE.

PROJECTS	APPLICATION	YEAR
MITI New HQ	Acoustic Duct Liner	2014
Extension at Motorola Penang	Partition	2015
New LRT Stations – Kelana Line	Roof Insulation	2016
ST Regis Hotel	Hot Water Lines	2015/2016
MRT- SBK Line	Acoustic Treatment	2016
MRT- SBK Line at Cochrane, TRX , Maluri	Roof Insulation	2016
TTDI ASSENCIA 36 storey Service Apartments	Rock Mineral wool laminated with s/s alum foil – Curtain Wall	2016
Raffles College, JB	Roof Insulation	2016
New Ikano Power Center at Cheras	Partition	2016
Bitumen Plant Kemaman	Piping Insulation	2015
Prai Power Plant	Duct insulation	2015
BASF Intergrated Aroma Ingredients Complex (Lemon Grass)	Piping /Tank Insulation	2015

PROJECT REFERENCE.

PROJECTS	APPLICATION	YEAR
Extension Works at MLNG ,Bintulu	Tank Insulation – Loosewool	2015
MACC HQ Putrajaya	Acoustic Partition	2017/2018
RAPID Project Package 12A. Automatic Storage & Retrieval System (ASRS)	Roofing	2018
New MUKAH Airport, Sarawak	Roof Insulation	2018
UITM Seremban	Roof insulation	2018
MRT – SSP line	Roof Insulation	2019/20
Shell - Maintenance Works Port Dickson	Piping/Tank Insulation	2018
PSR - Maintenance works – Malacca	Piping/Tank Insulation	2017/2018
RAPID Project – Package 5	Piping /Tank Insulation	2017/2018
BASF Intergrated Aroma Ingredients Complex (Honey Dew)	Tank Insulation	2017
BASF Intergrated Aroma Ingredients Complex (Cherry)	Piping/Tank Insulation	2018

PROJECT REFERENCE.

PROJECTS	APPLICATION	YEAR
JIMAH EAST Power Plant- PD <u>jointly with Nichias SEA</u>	Tanks/Boilers/Piping	2018/2019
Norman Process Oil Plant	Piping/Tank Insulation	2019
Sagami Plant , Perak	Tank Insulation	2019/2020
NR Rubber Plant, Kedah	Roof Insulation	2019
SMDS Bintulu	Cryogenic application- Loose wool	2019
PolyTech Mara , Ipoh	Roof Insulation	2019
UNIGLO Store, Sg Buloh	Roof Insulation	2019
Putrajaya Commercial Complex	Partition	2019
Hitachi Factory Malacca	Acoustic Enclosure	2019
Sony Factory Bangi	Acoustic Enclosure	2019
General Hospital Butterworth	Acoustic Enclosure	2019/20
YS Yamaha Sg Buloh	Acoustic Ceiling	2020

PROJECT REFERENCE.



MITI HQ
Tombo Rock Mineral Wool –
Acoustics Duct Liner



LRT Station
TOMBO Rock Mineral Wool used for
Roof Insulation



Kemaman Bitumen Plant
TOMBO Rock Mineral Pipe Sections



**Integrated Aroma Ingredients
Complex
(Lemon Grass)**
TOMBO Rock Mineral Wire Mat/Piping

PROJECT REFERENCE.



MRT Station (SBK, SSP)
TOMBO Rock Mineral Wool used for
Roof Insulation



UNIQLO
TOMBO Rock Mineral Wool used for
Roof Insulation



Crown Project
TOMBO Rock Mineral Wool used for
Roof Insulation



RAPID Project.
TOMBO Rock Mineral Wool Pipe Cover, Wired
Blanket used for
Thermal Control and Personnel Protection.

“TOMBO” Rock Mineral Wool Insulation is Safe to Manufacture and Use

“Epidemiologic studies...provide no evidence of increased risks of lung cancer or mesothelioma...and inadequate evidence overall of any cancer risk”- IARC Press Release 2002

(IARC – International Agency for Research on Cancer)



- In October 2001 the International Agency for Research on Cancer (IARC) together with the leading experts on the health and safety of Man Made Vitreous Fibers (MMVFs) reviewed the scientific evidence and noted that:
 - *“Epidemiologic studies published during the 15 years since the previous IARC Monographs review of these fibers in 1988 provide no evidence of increased risks of lung cancer or mesothelioma (cancer of the lining of the body cavities) from occupational exposures during manufacture of these materials, and inadequate evidence overall of any cancer risk.” The IARC downgrade is consistent*
- IARC downgraded the classification of the above **from 2B (Possible carcinogen) to Group 3 (not classifiable as to carcinogen in humans)**
- All fiber glass and rock and slag wools that are commonly used for thermal and acoustical insulation are now considered not classifiable as to carcinogenicity to humans (Group 3).





Want to Buy Insulation?

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- Commercial & Industrial
- HVAC / Duct Systems
- Metal Building

▼ Benefits

- Insulation & the Environment
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- Public Health

▼ Resources

- Training Initiatives
- Industry Links
- Insulation Incentives
- Literature Library
- Safety Overview
- FAQs

FOR IMMEDIATE RELEASE

For Additional Information:
 Phone: (703) 684-0084 • Fax: (703) 684-0427
 E-mail: [click here for online contact form](#)

IARC Removes Glass, Rock And Slag Wool Fibers From Its List Of Possible Carcinogens

Full Report Made Available October 2002

Following a review of all available scientific literature by a working group of the world's leading experts on the health and safety of man-made vitreous fibers, held late last year in Lyon, France, the International Agency for Research on Cancer (IARC) has removed glass, rock, and slag wool fibers from its list of substances "possibly carcinogenic to humans". A complete report documenting the science behind this change in classification, *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 81, Man-Made Vitreous Fibres*, was made available in October 2002 through IARC.

In a press release announcing the updated report, IARC emphasizes that "Epidemiologic studies published during the 15 years since the previous IARC Monographs review of these fibres in 1988 provide **no evidence** of increased risks of lung cancer or of mesothelioma (cancer of the lining of the body cavities) from occupational exposures during manufacture of these materials, and inadequate evidence overall of any cancer risk." [bold emphasis added] IARC further stated that "the more commonly used vitreous fibre wools including insulation glass wool, rock (stone) wool and slag wool are now considered not classifiable as to carcinogenicity to humans (Group 3)."

Ken Mentzer, president of NAIMA said "the IARC re-evaluation confirms NAIMA's confidence in the safety of these products for workers and consumers."

For more detailed information contact NAIMA.

To obtain a copy of the IARC Monograph, "Man-Made Vitreous Fibres" 9-16 October 2001, Vol. 81 visit the IARC Web site at <http://www.iarc.fr> and click on the button for IARCPress, E-mail your request for: press@iarc.fr or fax to +33 (0) 4 72 72 83 02

For further details of current research at IARC on man-made vitreous fibres, inquire by E-mail to borfetta@iarc.fr.

For more general information, contact Dr. Nicolas Gaudin, Chief, Communications (gaudin@iarc.fr).

[Click here to review IARC's press release.](#)



- All fiber Glass and rock and Rock Mineral Wools that are commonly used for thermal and acoustical insulation are now considered not classifiable as to carcinogenicity to humans (**Group 3**).

Group	Classification	Agents
1	Carcinogen to Humans	<ul style="list-style-type: none"> • Asbestos and tobacco smoke (second hand), salted fish (Chinese style) , etc
2A	Probably Carcinogenic to humans	<ul style="list-style-type: none"> • Red meat (consumption) Petroleum refining (occupational exposures in)
2B	Possibly carcinogen to humans	<ul style="list-style-type: none"> • Engine exhaust, Gasoline, Pickled vegetables (traditional Asian), etc
3	Not Classifiable as to its carcinogenicity to humans	<ul style="list-style-type: none"> • Coffee (drinking), Tea ,Rock Mineral Wool, etc
4	Probably Not Carcinogenic to humans	<ul style="list-style-type: none"> • Caprolactam (organic compound used in the production of nylon fiber).

Source: Agents Classified by the IARC Monographs, Volume 1-116



APPROVALS.

1) **From SIRIM:MS 1020.**

We passed MS1020 and are able to import TOMBO Rock Mineral Wool and **EQUINOX** Glasswool

2) **From CIDB.**

Both TOMBO Rock Mineral Wool and EQUINOX Glasswool are **CIDB PPS** Compliance

3) **From BOMBA:** – CLASS ‘O’

4) TOMBO Rock Mineral Wool is approved and are widely used in many Commercial & Industrial Projects

(please refer to our project reference list)

5) **EQUINOX** glasswool is also widely used for Roofing and A/C duct insulation

THANK YOU.



AFT ISOLASI SDN BHD

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40460, SHAH ALAM

SELANGOR DARUL EHSAN.

MALAYSIA

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