

# **KORU**

**Trading & Contracting**

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## **PROFILE**

KORU Trading & Contracting has been established to provide specialist product solutions to the construction industry. KORU products and systems have been installed in prominent buildings locally and throughout the world.

KORU holds a library of product catalogues and specification sheets to assist you in making the right decision. In addition to this literature samples may be provided upon request.

KORU has proven its expertise, capability, trustworthiness and quality of its services and has accomplished numerous projects in various construction sectors.

*Please feel free to contact us in case you need to utilize any of the services that our company provides.*

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# PRODUCTS



***Specialists in **Acoustic** door seals, perimeter seals, automatic drop seals, threshold plates and finger protection***

Norsound are an acoustic seal manufacturer which is committed to the design development & distribution of acoustic door seals that satisfy **Fire** regulations and end user with ease of fitment and also encompass sleek modern designs.

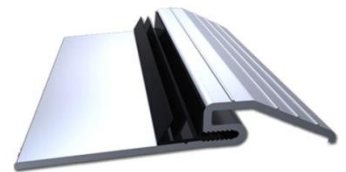
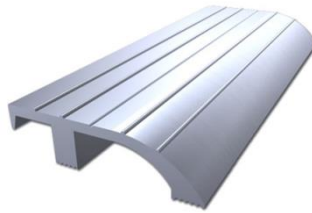
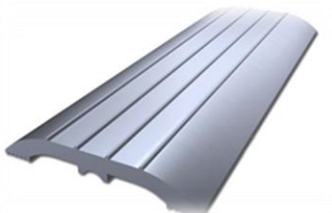
Norsound are specialists in acoustic door seals, perimeter seals, automatic drop seal, threshold plates and finger protection.

Norsound products are backed up with test reports where applicable, which is available upon request. The majority of our products come with detailed fitting instructions for your convenience.



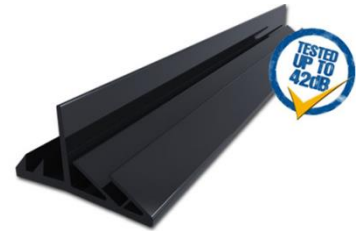
- **Threshold Plates**

The Norsound 600 series are a range of stylish, low profile threshold plates in various widths to suit numerous applications. Threshold plates complement our acoustic seals by giving an even surface to seal against, if the threshold seal was sitting against carpet or an uneven surface it would allow sound through the crevices created.



- **Perimeter Seals**

Perimeter seals are an essential part to an effective acoustic door seal solution as they effectively fill the natural gap created between door leaf and frame in a doorset. This range covers both retro and rout in versions to suit almost every requirement. The seals work by filling the air gaps that create sound leaks around the head and jambs of the doorset, this also stops smoke, light, dust...etc.



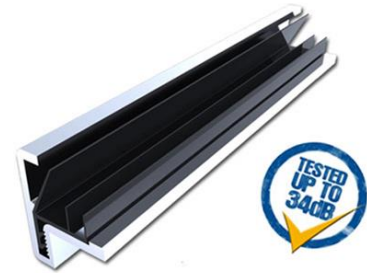
- **Door Bottom Seals**

The Norsound 800 series (sometimes referred to as Threshold Seals) are designed to work in conjunction with a perimeter seal and where practical a threshold plate. With acoustics, unlike fire and smoke sealing it is essential you seal the threshold of a door as sound will make its way through any crevice available. In the range we have both mechanical and non mechanical seal solutions.



- **Meeting Stile Seals**

Meeting stile seals are used where double doors meet; this can be both double and single acting doorsets. The meeting stile seal(s) effectively seal off the air gaps that create sound leaks where the doors meet on double doors this also stops smoke, light, dust...etc.



- **Finger Protection**

30,000 children trap and seriously injure their fingers in doors every year in the UK (RoSPA) and 1,500 of these will require surgery. Preventing these accidents not only eliminates the pain for the child, but protects local authorities and building owners against costly compensation claims.

Plastic hinge covers conceal the dangerous hinge area, but often have limited durability in heavy duty environments. Many local authorities report the need to replace these every 6 – 24 months with substantial impact on maintenance budgets.





MAPPY ITALIA SPA is the first Italian market-leading company boasting over 40 years of experience in the acoustic and thermal insulation field. The company was created in 1974 and has established itself over the years thanks to the insights and skills of engineers and technicians from the chemical/plastic industry, who boast a rich experience in the sector. The company has implemented a Quality Management System based on the UNI EN ISO 9001 standard.

## Acoustic insulation

### MAPPYCR 404

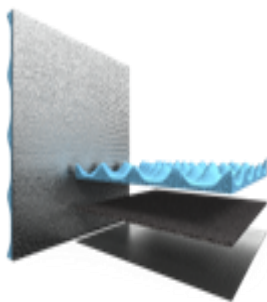
The **CR404** product range can reduce waste noise by up to stc28 dB.

**CR404** is the most cost effective, long lasting and easy to install method of meeting building regulations. With just three steps: cut to size, wrap it around, and tape it on, you'll find installation quick and easy.

When controlling noise from pipes, the product used must contain a heavy mass-loaded barrier, which acts to stop noise, deflecting it back into the noise source.

A layer of acoustic foam separates the barrier from the noise source, preventing the barrier from taking on the noise of the pipe.

#### Features:



- Excellent acoustic performance
- Maximizes noise control by providing high sound absorption (reverberation control) and superior transmission loss
- Excellent flame resistance
- Long useful life
- Easy to cut
- Easy to install

#### Areas of Use:

- Hydraulic and Waste pipes,walls,ceilings in all locations
- Air-conditioning ducts and shrouds
- Compressor wraps
- Spa Motor wraps

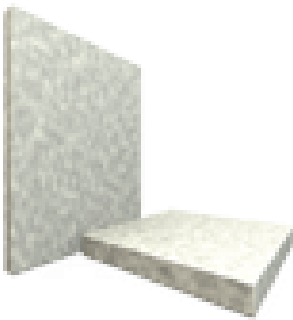
## Mappy Acoustic Underlay



### Areas of use

- Acoustic underlay in all types of buildings
- Use on concrete, timber and composite floor systems
- Acoustic underlay for floating floor systems
- Manufactured from Recycled Rubber Granules
- Excellent impact noise reduction.

## Thermal & Fire Protection



## Room Acoustics



## Interior Treatments

Mappy can pre-cut wall panels to meet virtually any customer requirement, ranging from rectangular panels to custom cut murals.

Mappy interior treatments consist of sound absorption and reflective wall panels as well as baffles, banners, diffusers, and ceiling tiles.

Available in a variety of designer finishes, Mappy interior products may be found in:

- Auditoriums



- Music Rehearsal spaces
- Movie theatres
- Gymnasiums
- Multi-purpose rooms
- Conference facilities
- Public spaces
- Computer rooms
- Executive offices

Mappy interior products effectively combine acoustical performance with aesthetic value.

### Key Benefits

- Made from 100% polyester fibre
- Excellent acoustic performance
- Highly Durable, providing long term stability and performance
- Resistant to fading
- Lightweight and easy to handle
- Offers complete design flexibility with our ability to provide custom colour printing





**AUTEX**



Autex is a New Zealand- based manufacturing and product development company specializing in textiles and advanced fibre technology.

Established in 1967, Autex is founded on principles of innovation and outstanding customer service and committed to environmental best practice.



The Autex world of fibre and textiles works with synthetic and natural fibres including polyester, polypropylene, wool and new sustainable natural fibre Tencel.

Autex manufactures a diverse range of carpets, wall coverings, insulation, acoustic products and bedware. Autex products are found in schools, offices, hotels, hospitals, theatres, sports complexes, homes and boats around the world.



**AUTEX**



## Products:

- **Acoustic Fabric**

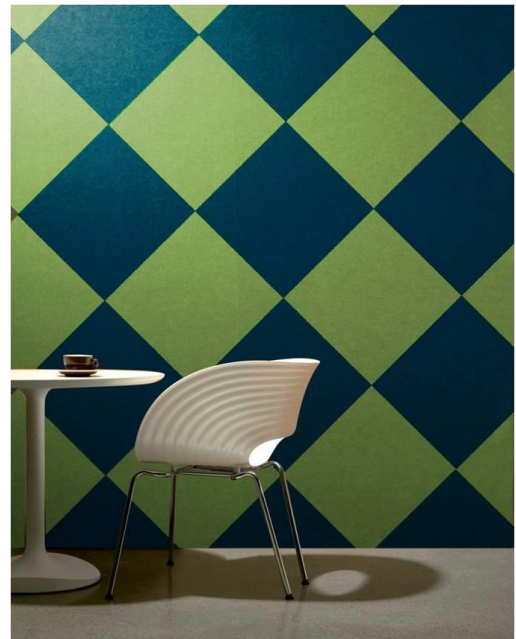
**Quietspace Acoustic Fabric** is a decorative interior wall fabric that can transform noisy interiors, creating quieter working, entertaining and relaxing environments.

Quietspace Acoustic Fabric has been specifically designed to manage and reduce reverberated noise (i.e. echo noise) in building interiors by absorbing sound that would otherwise be reflected.

Made from 100% polyester fibre, Quietspace Acoustic Fabric is a light weight and flexible material that is ideal for use on vertical surfaces in commercial offices, theatres, libraries, retail environments, schools and even kid's bedrooms.

### Key Benefits

- Made from 100% polyester fibre
- Acoustically rated to NRC 0.40
- Highly Durable, easily cleaned and resistant to staining
- Recyclable and environmentally friendly
- Resistant to fading
- Pin, staple and 'hook & loop' receptive allowing the material to be used as a display board
- Easy to install in new or existing interiors



Available in Rolls 25Lm x 1.22m standard or Peel N Stick Tiles 600mm x 600mm

**AUTEX**

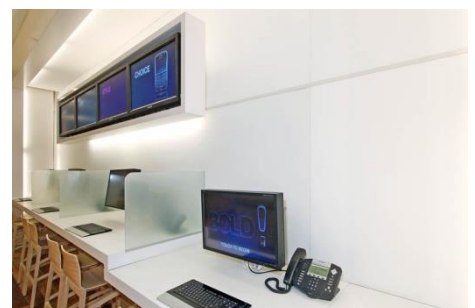


- **Panels**

**Quietspace Panel** is an innovative acoustic panel product, engineered to provide superior noise absorption and balanced acoustic design, complimenting the Quietspace Acoustic Fabric Range.

Quietspace Panels are ideal for wall and ceiling applications and are available surface finished with Autex's Vertiface fabric, or utilising the latest print technology, any image, colour or design can be printed onto the panels, giving you the flexibility and freedom to create unique details and designs.

Quietspace Panels are light weight, semi rigid, impact resistant and incredibly durable. Made from 100% polyester fibres, Quietspace Panels are non-irritant, non-toxic and support safer indoor air quality.



# KORU TRADING & CONTRACTING

## Major Projects

### 1. NAVIGATION TOWER

**Scope:** Supply and Installation of Acoustic Panels to different rooms throughout the tower

**Requirements:** The Client required a product that with superb acoustical performance would also allow them to keep their present interior finish and design. KORU provided Panels that were printed as per the Client's requirements with special consideration given to the colour, design and finish.



## 2. College of North Atlantic – Qatar (CNA-Q)

**Scope:** Supply and Installation of materials for the sound isolation of a professional recording studio.

**Requirements:** The Client required a product that would provide excellent acoustic performance to reduce noise in an extremely noisy environment. KORU was able to provide a solution as per the requirements using Panels for the ceilings and Fabric for the walls providing excellent acoustic performance. RIM Floating Floor with underlayment and Ceiling Hangers were used for the Floor and Ceiling respectively to provide further acoustic performance.



### 3. Doha Academy (Qatar Foundation)

**Scope:** Supply and Installation of Acoustic Wall Panels and Door Seals to the Music Practice Classrooms.

**Requirements:** The client required a product that would look aesthetically pleasing while at the same time would provide excellent acoustical performance. KORU supplied with Acoustic Wall Panels which doubled up in usage as both acoustic wall panels as well as pin boards. KORU also supplied and installed door seals to the doors reducing noise escaping the room.



## 4. Palm Towers

**Scope:** Supply of Acoustic Lagging Pipe Wrap to reduce noise coming from pipes.

**Requirements:** The Client required a product that would help in reducing the noise coming from services pipes throughout his building. KORU was able to supply Acoustic Lagging Pipe Wrap Material which effectively reduced unwanted noise emanating from the pipes.



## KORU Major Projects List

- Navigation Tower- Rumailah Services; supply and installation of Acoustic panels
- College Of North Atlantic Qatar- Design And Build STUDIO
- Palm Towers- Al Seal Engineering; Supply and installation of Acoustic treatment
- Private Palace- Al Ali Engineering, supply and installation of Acoustic panels
- Traders Hotel- Habtoor Supply of Acoustic Insulation and underlay
- Al Wakrah Hospital-Design and build of Audiometric rooms Supply and Installation Of Acoustic Panels, Underlay Hamad Medical Corporation
- Private Villa- Classical palace. Supply of Acoustic Polyester panels
- Al Rayyan radio studio. Design and build of Studio
- Hamad Medical City-Design and build Audiology rooms Hamad Medical Corporation.
- Private Music Studio. Supply and installation of Acoustic Panels
- AL JASRA TOWERS- LUSAIL Supply and installation of Acoustic treatment
- Adagio hotel; Supply and installation of Acoustic treatment



- Falcon Towers; Supply and installation of Acoustic treatment
- Al wajbah palace; Supply of Acoustic treatment for Home theatre
- Gems wellington school ; Supply and installation of Acoustic panels for Music class Room Al wakrah
- VVIP Beach villa at Alkhor; Supply and installation of Acoustic treatment
- Doha film Institute; studio room. Supply of Acoustic Fabric panels and Acoustic underlay.
- Muntazah Commercial and residential complex; Supply and installation of Acoustic treatment
- The Gate Mall, West bay, Supply and installation of floating floor system.
- Qatar Foundation; Research and development complex; Supply and installation of Acoustic Fabric Wall panels
- Gems American Academy; Supply and installation Of Acoustic panels for music class rooms
- Majlis Grand Mercure Hotel Doha; Supply of Acoustic Pipe insulation
- Ibis Hotel Adagio; Supply and installation of Acoustic Mullion for windows
- Al Jazeera studio; Supply and installation of Acoustic panels and underlay
- Personal private studio; Complete Acoustic solutions
- Qatari Diar Real Estate; Supply and Installation Acoustic Fabric panels
- Tornado Tower; Schlumberger Office; Supply and installation of Acoustic Fabric panels.

- Doha Festival city; Supply of Acoustic underlay
- Al Jazeera Studio; Supply and installation of Acoustic underlay.
- Mixed used development project old Airport Rd ; Supply of Acoustic pipe insulation
- Al Wakra Stadium; Supply of Acoustic pipe Insulation
- Gold Bazar Hotel Project; Supply of Acoustic pipe insulation, Underlay