Autex Acoustics®

3D Tiles

Product Information

3D Tiles are lightweight, sculptural acoustic tiles designed for interior wall application. Made from 100% polyester fibre, 3D Tiles are moulded to form abstract, three-dimensional shapes that provide acoustic absorption across the mid to high frequency range.

Relevant Building Code Clauses and how product is expected to contribute to compliance

- B2 Durability: Performance B2.3.1(c).
  3D Tiles meets durability requirement of 5 years.
- C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).
  3D Tiles achieved Group Number 1-S when tested and assessed to ISO 9705 and can be used in locations where internal surface linings with Group Number 1-S are allowed.
- F2 Hazardous Building Materials: Performance F2.3.1.
  There are no known hazards when using or handling 3D Tiles.

3D Tiles can help spaces meet design sound levels and reverberation times prescribed by AS/NZS 2107:2016 *Acoustics—Recommended design sound levels and reverberation times for building interiors.*

Limitations on use of building product

- 3D Tiles has not been tested as part of a fire rated separation assembly, and therefore does not contribute to and do not affect the fire resistance of fire separations.
- 3D Tiles does not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- Exposure to humidity levels of above 65% may affect durability of the product.
- Air passing through the product due to high pressure or temperature difference can cause the appearance of soil filtration lines on the product surface. This is not a product fault and can be avoided by minimising high temperature or pressure difference across the product and by keeping the room well-ventilated and free from pollutants.

Design requirements supporting appropriate use of building product

- 3D Tiles is designed to be installed on walls to reduce reverberation times.
- When installing 3D Tiles near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 80°C.

Installation requirements

- 3D Tiles must be installed according to the 3D Tiles Install Instructions found on this website: autexacoustics.co.nz/products/3d-tiles

Maintenance requirements

- Refer to the Autex Acoustics Care and Maintenance Guide for cleaning and maintenance instructions.
- Perform light vacuuming on a regular basis to prevent build-up of dust.
- Light marks can be cleaned with a mild detergent solution followed by rinsing and blotting.
- Stubborn stains should be dealt with according to the Care and Maintenance Guide, or by contacting a professional cleaning expert.
- Printed 3D Tiles must be cleaned by a specialist cleaning company.

This product is not subject to a warning or ban under section 26 of the Building Act.

Autex Acoustics®

3D Ceiling Tiles

Product Information

A side-step from the traditional acoustic ceiling tile, 3D Ceiling Tiles are made from 100% polyester fibre and moulded to form abstract, three-dimensional shapes.

Relevant Building Code Clauses and how product is expected to contribute to compliance

- B2 Durability: Performance B2.3.1(c).
  3D Ceiling Tile meets durability requirement of 5 years.
- C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).
  3D Ceiling Tile achieved Group Number 1-S when tested and assessed to ISO 9705 and can be used in locations where internal surface linings with Group Number 1-S are allowed.
- F2 Hazardous Building Materials: Performance F2.3.1.
  There are no known hazards when using or handling 3D Ceiling Tile.

3D Ceiling Tile can help spaces meet design sound levels and reverberation times prescribed by AS/NZS 2107:2016 *Acoustics—Recommended design sound levels and reverberation times for building interiors*

Limitations on use of building product

- 3D Ceiling Tile is not designed to support any backloading. All loads must be independently supported or transferred to the grid.
- 3D Ceiling Tile has not been tested as part of a fire rated separation assembly, and therefore does not contribute to and do not affect the fire resistance of fire separations.
- 3D Ceiling Tile does not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- Exposure to humidity levels of above 65% may affect durability of the product.
- Air passing through the product due to high pressure or temperature difference can cause the appearance of soil filtration lines on the product surface. This is not a product fault and can be avoided by minimising high temperature or pressure difference across the product and by keeping the room well-ventilated and free from pollutants.

Design requirements supporting appropriate use of building product

- 3D Ceiling Tile is designed to be directly fixed or fit within a standard ceiling grid.
- When installing 3D Ceiling Tile near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 80°C.

Installation requirements

- 3D Ceiling Tiles must be installed according to the 3D Ceiling Tiles Install Instructions found on this website: autexacoustics.co.nz/products/3d-ceiling-tiles

Maintenance requirements

- Refer to the Autex Acoustics Care and Maintenance Guide for cleaning and maintenance instructions.
- Perform light vacuuming on a regular basis to prevent build-up of dust.
- Light marks can be cleaned with a mild detergent solution followed by rinsing and blotting.
- Stubborn stains should be dealt with according to the Care and Maintenance Guide, or by contacting a professional cleaning expert.
- Printed 3D Ceiling Tiles must be cleaned by a specialist cleaning company.

This product is not subject to a warning or ban under section 26 of the Building Act.

Autex Acoustics®

Accent Ceiling Tiles™

Product Information

Accent Ceiling Tiles™ is a simple, high-performance acoustic tile designed to fit within standard grid systems and comply with typical loading standards. Made from non-woven, needle punched 100% polyester fibre, the tiles are lightweight and sturdy, so they will not chip, crack, or break.

Relevant Building Code Clauses and how product is expected to contribute to compliance

- B2 Durability: Performance B2.3.1(c).
  Accent Ceiling Tile meets durability requirement of 5 years.
- C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).
  Accent Ceiling Tile achieved Group Number 1-S when tested and assessed to ISO 9705 and can be used in locations where internal surface linings with Group Number 1-S are allowed.
- F2 Hazardous Building Materials: Performance F2.3.1.
  There are no known hazards when using or handling Accent Ceiling Tile.

Accent Ceiling Tiles can help spaces meet design sound levels and reverberation times prescribed by AS/NZS 2107:2016 *Acoustics—Recommended design sound levels and reverberation times for building interiors*.

Limitations on use of building product

- Accent Ceiling Tiles are not designed to support any backloading. All loads must be independently supported or transferred to the grid.
- Accent Ceiling Tiles have not been tested as part of a fire rated separation assembly, and therefore does not contribute to or affect the fire resistance of fire separations.
- Accent Ceiling Tiles do not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- Exposure to humidity levels of above 65% may affect durability of the product.
- Air passing through the product due to high pressure or temperature difference can cause the appearance of soil filtration lines on the product surface. This is not a product fault and can be avoided by minimising high temperature or pressure difference across the product and by keeping the room well-ventilated and free from pollutants.

Design requirements supporting appropriate use of building product

- Accent Ceiling Tiles are designed to be direct fixed or fit within a standard ceiling grid.
- When installing Accent Ceiling Tiles near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 80°C.

Installation requirements

- Accent Ceiling Tiles must be installed according to the Accent Ceiling Tiles Install Instructions found on this website: autexacoustics.co.nz/products/accent-ceiling-tiles

Maintenance requirements

- Refer to the Autex Acoustics Care and Maintenance Guide for cleaning and maintenance instructions.
- Perform light vacuuming on a regular basis to prevent build-up of dust.
- Light marks can be cleaned with a mild detergent solution followed by rinsing and blotting.
- Stubborn stains should be dealt with according to the Care and Maintenance Guide, or by contacting a professional cleaning expert.
- Printed Accent Ceiling Tiles must be cleaned by a specialist cleaning company.

This product is not subject to a warning or ban under section 26 of the Building Act.

Autex Acoustics®

Acoustic Timber™

Product Information

Available in panels, baffles, and ceiling tiles, Acoustic Timber™ is a high-performance acoustic treatment made from 100% polyester fibre and designed to realistically imitate timber.

Relevant Building Code Clauses and how product is expected to contribute to compliance

- B2 Durability: Performance B2.3.1(c).
  Acoustic Timber meets durability requirement of 5 years.
- C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).
  Acoustic Timber is made from Cube™ or Quietspace® Panel which achieved Group Number 1-S when tested and assessed to ISO 9705 and can be used in locations where internal surface linings with Group Number 1-S are allowed.
- F2 Hazardous Building Materials: Performance F2.3.1.
  There are no known hazards when using or handling Acoustic Timber.

Acoustic Timber can help spaces meet design sound levels and reverberation times prescribed by AS/NZS 2107:2016 *Acoustics—Recommended design sound levels and reverberation times for building interiors*.

Limitations on use of building product

- Acoustic Timber has not been tested as part of a fire rated separation assembly, and therefore does not contribute to and do not affect the fire resistance of fire separations.
- Acoustic Timber does not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- Acoustic Timber may show surface damage when subjected to impacts. We would advise against using Acoustic Timber in areas where there is likely to be contact with the product.
- Exposure to humidity levels of above 65% may affect durability of the product.
- Air passing through the product due to high pressure or temperature difference can cause the appearance of soil filtration lines on the product surface. This is not a product fault and can be avoided by minimising high temperature or pressure difference across the product and by keeping the room well-ventilated and free from pollutants.

Design requirements supporting appropriate use of building product

- Acoustic Timber is available in panels, baffles, or ceiling tiles.
- Acoustic Timber Panel™ is designed for a variety of interior applications and available in 12 mm, 24 mm, and 25 mm thicknesses.
- Acoustic Timber Raft™ is a modular acoustic baffle system designed to communicate with interior spaces via an adjustable channel and clip system.
- Acoustic Timber Ceiling Tile is a simple, high-performance acoustic tile made from Accent Ceiling Tile™ designed to fit within standard grid systems and comply with typical loading standards.
- When installing Acoustic Timber near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 80°C.
- When installing Acoustic Timber on ceilings in extreme conditions such as indoor pools, any cavity between the roof and the acoustic panel should not be enclosed. Consult a qualified specialist such as a mechanical engineer and contact your Autex Acoustics account manager for information and advice on suitable designs.

Installation requirements

- Acoustic Timber must be installed according to the Acoustic Timber Install Instructions found on this website: autexacoustics.co.nz/products/acoustic-timber
- Contact-type adhesive or high grab MS polymer adhesive is recommended for applying Acoustic Timber Panel to most common substrates.
- Do not rub the panel surface at any point during installation as rubbing may cause surface wear.
- For walls or ceilings that require a Fire Resistance Rating (FRR), penetrations for plumbing, electrical switches, and light fittings must be avoided wherever possible.

Maintenance requirements

- Refer to the Acoustic Timber Care and Maintenance Guide for cleaning and maintenance instructions.
- Avoid contact with the Acoustic Timber Panel surface. Where liquids and other contaminants come in contact with the panels, these should be gently removed immediately and not allowed to soak-in, dry, or set.
- Consult a specialist cleaning company for cleaning if required.

This product is not subject to a warning or ban under section 26 of the Building Act.

Autex Acoustics®

Cascade™

Product Information

Cascade™ screens are suspended from the ceiling to create subtle acoustic features. The screens can be used to create separate spaces whilst maintaining an open feel. The Cascade family consists of three styles—Static, Folding, and Expanding—each made from 100% polyester fibre with water-cut patterns.

Relevant Building Code Clauses and how product is expected to contribute to compliance

- B1 Structure: Performance B1.3.1 and B1.3.2.
  Cascade suspension components have been tested and shown to have enough strength to withstand typical earthquake and wind actions.
- B2 Durability: Performance B2.3.1(c).
  Cascade meets durability requirement of 5 years.
- C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).
  Cascade is made from Cube™ which achieved Group Number 1-S when assessed to ISO 9705 and can be used in locations where internal surface linings with Group Number 1-S are allowed.
- F2 Hazardous Building Materials: Performance F2.3.1.
  There are no known hazards when using or handling Cascade.

Cascade can help spaces meet design sound levels and reverberation times prescribed by AS/NZS 2107:2016 *Acoustics—Recommended design sound levels and reverberation times for building interiors*.

Limitations on use of building product

- Cascade has not been tested as part of a fire rated separation assembly, and therefore does not contribute to and do not affect the fire resistance of fire separations.
- Cascade does not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- Exposure to humidity levels of above 65% may affect durability of the product.

Design requirements supporting appropriate use of building product

- Cascade is designed to be installed directly fixed to or suspended from ceilings.
- When installing Cascade near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 80°C.

Installation requirements

- Cascade must be installed according to the Cascade Install Instructions found on this website: autexacoustics.co.nz/products/cascade

Maintenance requirements

- Refer to the Autex Acoustics Care and Maintenance Guide for cleaning and maintenance instructions.
- Cascade screens will need to be removed from the ceiling or wall to clean safely. Disassembly instructions can be found in the Cascade Install Instructions.
- Perform light vacuuming on a regular basis to prevent build-up of dust.
- Light marks can be cleaned with a mild detergent solution followed by rinsing and blotting.
- Stubborn stains should be dealt with according to the Care and Maintenance Guide, or by contacting a professional cleaning expert.
- Printed Cascade must be cleaned by a specialist cleaning company.

This product is not subject to a warning or ban under section 26 of the Building Act.

Autex Acoustics®

Composition®

Product Information

Composition® is a durable, high-performance acoustic wallcovering designed as a paint or wallpaper alternative. Available in 12 mm and 18 mm thickness, and made from 100% polyester fibre, Composition has two surface finishes available. Velour is a velvety soft hook-and-loop receptive pile, while Smooth is a more refined and flatter texture.

Relevant Building Code Clauses and how product is expected to contribute to compliance

- B2 Durability: Performance B2.3.1(c).
  Composition meets durability requirement of 5 years.
- C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).
  Composition achieved Group Number 1-S when tested and assessed to ISO 9705 and can be used in locations where internal surface linings with Group Number 1-S are allowed.
- F2 Hazardous Building Materials: Performance F2.3.1.
  There are no known hazards when using or handling Composition.

Composition can help spaces meet design sound levels and reverberation times prescribed by AS/NZS 2107:2016 *Acoustics—Recommended design sound levels and reverberation times for building interiors*.

Limitations on use of building product

- Composition has not been tested as part of a fire rated separation assembly, and therefore does not contribute to and do not affect the fire resistance of fire separations.
- Composition does not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- Exposure to humidity levels of above 65% may affect durability of the product.
- Air passing through the product due to high pressure or temperature difference can cause the appearance of soil filtration lines on the product surface. This is not a product fault and can be avoided by minimising high temperature or pressure difference across the product and by keeping the room well-ventilated and free from pollutants.

Design requirements supporting appropriate use of building product

- Composition is designed to be installed as an acoustic wallcovering.
- Composition is supplied as standard 1.22 m x 25 m rolls.
- When installing Composition near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 80°C.

Installation requirements

- Composition must be installed according to the Composition Install Instructions found on this website: autexacoustics.co.nz/products/composition
- Contact-type adhesive is recommended for applying Composition to most common substrates.
- Composition has a pile and must be installed with the fabric pile running in the same direction to avoid the appearance of colour variations.

Maintenance requirements

- Refer to the Autex Acoustics Care and Maintenance Guide for cleaning and maintenance instructions.
- Perform light vacuuming on a regular basis to prevent build-up of dust.
- Light marks can be cleaned with a mild detergent solution followed by rinsing and blotting.
- Stubborn stains should be dealt with according to the Care and Maintenance Guide, or by contacting a professional cleaning expert.

This product is not subject to a warning or ban under section 26 of the Building Act.

Autex Acoustics®

Cove™

Product Information

Cove™ is a simple, slide-on acoustic desk divider made from 100% polyester fibre. Lightweight and semi-rigid, Cove is designed to slide on and off standard desks without additional fixings.

Relevant Building Code Clauses and how product is expected to contribute to compliance

- B2 Durability: Performance B2.3.1(c).
  Cove meets durability requirement of 5 years.
- C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).
  Cove is made from Cube™ which achieved Group Number 1-S when tested and assessed to ISO 9705 and can be used in locations where internal surface linings with Group Number 1-S are allowed.
- F2 Hazardous Building Materials: Performance F2.3.1.
  There are no known hazards when using or handling Cove.

Cove can help spaces meet design sound levels and reverberation times prescribed by AS/NZS 2107:2016 *Acoustics—Recommended design sound levels and reverberation times for building interiors*.

Limitations on use of building product

- Cove has not been tested as part of a fire rated separation assembly, and therefore does not contribute to and do not affect the fire resistance of fire separations.
- Cove does not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- Exposure to humidity levels of above 65% may affect durability of the product.

Design requirements supporting appropriate use of building product

- Cove is designed as a slide-on acoustic divider for a quiet and sheltered desk space.
- When installing Cove near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 80°C.

Installation requirements

- Cove can be installed without using fixings.

Maintenance requirements

- Refer to the Autex Acoustics Care and Maintenance Guide for cleaning and maintenance instructions.
- Perform light vacuuming on a regular basis to prevent build-up of dust.
- Light marks can be cleaned with a mild detergent solution followed by rinsing and blotting.
- Stubborn stains should be dealt with according to the Care and Maintenance Guide, or by contacting a professional cleaning expert.

This product is not subject to a warning or ban under section 26 of the Building Act.

Autex Acoustics®

Cube™

Product Information

Cube™ is a versatile acoustic panel designed for a variety of interior applications. Available in 12 mm and 24 mm thicknesses, Cube panels are lightweight and semi-rigid —made from 100% polyester fibre.

Relevant Building Code Clauses and how product is expected to contribute to compliance

- B2 Durability: Performance B2.3.1(c).
  Cube meets durability requirement of 5 years.
- C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).
  Cube achieved Group Number 1-S when tested and assessed to ISO 9705 and can be used in locations where internal surface linings with Group Number 1-S are allowed.
- F2 Hazardous Building Materials: Performance F2.3.1.
  There are no known hazards when using or handling Cube.

Cube can help spaces meet design sound levels and reverberation times prescribed by AS/NZS 2107:2016 *Acoustics—Recommended design sound levels and reverberation times for building interiors*.

Limitations on use of building product

- Cube has not been tested as part of a fire rated separation assembly, and therefore does not contribute to and do not affect the fire resistance of fire separations.
- Cube does not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- Exposure to humidity levels of above 65% may affect durability of the product.
- Air passing through the product due to high pressure or temperature difference can cause the appearance of soil filtration lines on the product surface. This is not a product fault and can be avoided by minimising high temperature or pressure difference across the product and by keeping the room well-ventilated and free from pollutants.

Design requirements supporting appropriate use of building product

- Cube is designed to be installed on walls and ceilings to reduce reverberation times.
- Cube panels are customisable with Print, Mould & Press, Precision Cut, Groove, and Peel 'N' Stick, and require no edging or capping.
- When installing Cube near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 80°C.
- When installing Cube on ceilings in extreme conditions such as indoor pools, any cavity between the roof and the acoustic panel should not be enclosed. Consult a qualified specialist such as a mechanical engineer and contact your Autex Acoustics account manager for information and advice on suitable designs.

Installation requirements

- Cube must be installed according to the Cube Install Instructions found on this website: autexacoustics.co.nz/products/cube
- Cube can be installed directly on common wall and ceiling substrates, or attached to battens to create an air gap.
- Contact-type adhesive or high grab MS polymer adhesive is recommended for applying Cube to most common substrates.
- Cube can be installed with mechanical fixings according to the Installing Cube using Mechanical Fixings Supplement.
- For walls or ceilings that require a Fire Resistance Rating (FRR), penetrations for plumbing, electrical switches, and light fittings must be avoided wherever possible.

Maintenance requirements	• Refer to the Autex Acoustics Care and Maintenance Guide for cleaning and maintenance instructions. • Perform light vacuuming on a regular basis to prevent build-up of dust. • Light marks can be cleaned with a mild detergent solution followed by rinsing and blotting. • Stubborn stains should be dealt with according to the Care and Maintenance Guide, or by contacting a professional cleaning expert. • Printed Cube must be cleaned by a specialist cleaning company.

This product is not subject to a warning or ban under section 26 of the Building Act.

Autex Acoustics®

Embrace®

Product Information

Embrace® is an acoustic wall system comprised of 100% New Zealand Strongwool fabric and New Zealand Radiata Pine wood framing. The wall system is designed so the strongwool fabric can be seamlessly fitted into the wooden framing, using only friction to hold it in place. The framing design creates a 25 mm air gap behind the wool fabric which contributes to the acoustic performance of the system.

Relevant Building Code Clauses and how product is expected to contribute to compliance

- B2 Durability: Performance B2.3.1(c).
  Embrace® meets durability requirement of 5 years.
- C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).
  Embrace is classified as Group Number 2-S when tested and assessed to ISO 9705 and can be used in locations where internal surface linings with Group Number 2-S are allowed.
- F2 Hazardous Building Materials: Performance F2.3.1.
  There are no known hazards when using or handling Embrace.

The Embrace system can help spaces meet target design sound levels and reverberation times prescribed by AS/NZS 2107:2016 *Acoustics – Recommended design sound levels and reverberation times for building interiors.*

As per rule 9 of the 5th edition of the New Zealand Government Procurement Rules, new government construction works will be expected to consider the use of woollen fibres where practical. The Embrace system fulfils this requirement for woollen acoustic treatment in government construction projects.

Limitations on use of building product

- Embrace has not been tested as part of a fire rated separation assembly, and therefore does not contribute to and do not affect the fire resistance of fire separations.
- Embrace may show surface damage when subjected to frequent abrasion. We would advise against using Embrace in areas where there is likely to be repeated contact with the product.
- Prolonged exposure to humidity levels of above 65% may affect durability of the product. Wool is inherently hygroscopic, therefore will absorb and release moisture from the environment. Product degradation may occur if moisture levels remain high over prolonged periods of time.
- Air passing through the product due to high pressure or temperature difference can cause the appearance of soil filtration lines on the product surface. This is not a product fault and can be avoided by minimising high temperature or pressure difference across the product and by keeping the room well-ventilated and free from pollutants

Design requirements supporting appropriate use of building product

- Embrace wall system is available as an acoustic wall system with a variety of framing configurations available.
- All framing has a thickness of 25 mm. The woollen felt has a thickness of 4 mm, resulting in a combined system thickness of 29 mm.
- When installing embrace near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 130°C at any point or 40°C for prolonged periods of time.

Installation requirements	• Embrace must be installed according to the Embrace Install Guide found on this website: autexacoustics.co.nz/products/embrace. • A brad nailer is recommended to be used to fix the timber framing to the wall. No other fixings are required to install Embrace.
Maintenance requirements	• Refer to the Wool Care and Maintenance Guide for cleaning and maintenance instructions found at: autexacoustics.co.nz/products/embrace • Inadvertent bumps and tugs may damage the components of the Embrace system. Loose wool felt can be refitted into the framing and/or any damaged components can be replaced in sections.

This product is not subject to a warning or ban under section 26 of the Building Act.

Autex Acoustics®

Frontier™

Product Information

Frontier™ is a modular acoustic baffle system designed to communicate with interior spaces via an adjustable channel and clip system—giving you complete control over the height, spacing, and placement of each individual component. Lightweight yet solid in appearance, Frontier Acoustic Fins and Raft are made from 100% polyester fibre and cut to form elegant 2D and 3D shapes. Frontier is designed to be 'tuned' to interior spaces, offering tailored acoustic absorption across a wide range of frequencies.

Relevant Building Code Clauses and how product is expected to contribute to compliance

- B1 Structure: Performance B1.3.1 and B1.3.2.
  Frontier suspension components have been tested and shown to have enough capacity to withstand typical earthquake and wind actions.
- B2 Durability: Performance B2.3.1(c).
  Frontier meets durability requirement of 5 years.
- C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).
  Frontier is made from Cube™ which achieved Group Number 1-S when assessed to ISO 9705 and can be used in locations where internal surface linings with Group Number 1-S are allowed.
- F2 Hazardous Building Materials: Performance F2.3.1.
  There are no known hazards when using or handling Frontier.

Frontier can help spaces meet design sound levels and reverberation times prescribed by AS/NZS 2107:2016 *Acoustics—Recommended design sound levels and reverberation times for building interiors.*

Limitations on use of building product

- Frontier has not been tested as part of a fire rated separation assembly, and therefore does not contribute to and do not affect the fire resistance of fire separations.
- Frontier does not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- Exposure to humidity levels of above 65% may affect durability of the product.

Design requirements supporting appropriate use of building product

- Frontier is designed to be installed directly fixed to ceilings and walls or suspended from ceilings.
- In certain locations and building types, seismic bracing may be required for Frontier suspended from a ceiling. Consult a qualified seismic expert or contact your Autex Acoustics account manager for information and advice.
- When installing Frontier near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 80°C.
- Consideration must be given when designing and installing Frontier around sprinkler and fire alarm systems. Refer to Frontier Design and Installation around Fire Protection Systems guidance document for details.

Installation requirements

- Frontier must be installed according to the Frontier Install Instructions found on this website: autexacoustics.co.nz/products/frontier

Maintenance requirements

- Refer to the Autex Acoustics Care and Maintenance Guide for cleaning and maintenance instructions.
- Frontier Fins or Rafts will need to be removed from the ceiling or wall to clean safely. Disassembly instructions can be found in the Frontier Install Instructions.
- Perform light vacuuming on a regular basis to prevent build-up of dust.
- Light marks can be cleaned with a mild detergent solution followed by rinsing and blotting.
- Stubborn stains should be dealt with according to the Care and Maintenance Guide, or by contacting a professional cleaning expert.
- Printed Frontier must be cleaned by a specialist cleaning company.

This product is not subject to a warning or ban under section 26 of the Building Act.

Autex Acoustics®

Groove™

Product Information

Groove™ is a customisation option designed to add depth, texture, and nuance to Cube™ panels.

Relevant Building Code Clauses and how product is expected to contribute to compliance

- B2 Durability: Performance B2.3.1(c).
  Groove meets durability requirement of 5 years.
- C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).
  Groove is made from Cube which achieved Group Number 1-S when tested and assessed to ISO 9705 and can be used in locations where internal surface linings with Group Number 1-S are allowed.
- F2 Hazardous Building Materials: Performance F2.3.1.
  There are no known hazards when using or handling Groove.

Groove can help spaces meet design sound levels and reverberation times prescribed by AS/NZS 2107:2016 *Acoustics—Recommended design sound levels and reverberation times for building interiors*.

Limitations on use of building product

- Groove has not been tested as part of a fire rated separation assembly, and therefore does not contribute to and do not affect the fire resistance of fire separations.
- Groove does not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- Exposure to humidity levels of above 65% may affect durability of the product.
- Air passing through the product due to high pressure or temperature difference can cause the appearance of soil filtration lines on the product surface. This is not a product fault and can be avoided by minimising high temperature or pressure difference across the product and by keeping the room well-ventilated and free from pollutants.

Design requirements supporting appropriate use of building product

- When installing Groove near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 80°C.

Installation requirements

- Groove must be installed according to the Groove Install Instructions found on this website: autexacoustics.co.nz/products/groove
- Contact-type adhesive or high grab MS polymer adhesive is recommended for applying Groove to most common substrates.
- For walls or ceilings that require a Fire Resistance Rating (FRR), penetrations for plumbing, electrical switches, and light fittings must be avoided wherever possible.

Maintenance requirements

- Refer to the Autex Acoustics Care and Maintenance Guide for cleaning and maintenance instructions.
- Perform light vacuuming on a regular basis to prevent build-up of dust.
- Light marks can be cleaned with a mild detergent solution followed by rinsing and blotting.
- Stubborn stains should be dealt with according to the Care and Maintenance Guide, or by contacting a professional cleaning expert.

This product is not subject to a warning or ban under section 26 of the Building Act.

Autex Acoustics®

Horizon™

Product Information

Horizon™ is a range of floating acoustic panels that create a cloud-like illusion when suspended. Made from 100% polyester fibre, Horizon panels are lightweight yet strong—holding form over their lifetime. Horizon can be installed on ceilings and walls without the need for clear space, as the channels, clips, and suspension wires require limited contact.

Relevant Building Code Clauses and how product is expected to contribute to compliance

- B1 Structure: Performance B1.3.1 and B1.3.2.
  Horizon suspension components have been tested and shown to have enough capacity to withstand typical earthquake and wind actions.
- B2 Durability: Performance B2.3.1(c).
  Horizon meets durability requirement of 5 years.
- C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).
  Horizon is made from Cube™ which achieved Group Number 1-S when assessed to ISO 9705 and can be used in locations where internal surface linings with Group Number 1-S are allowed.
- F2 Hazardous Building Materials: Performance F2.3.1.
  There are no known hazards when using or handling Frontier.

Horizon can help spaces meet design sound levels and reverberation times prescribed by AS/NZS 2107:2016 *Acoustics—Recommended design sound levels and reverberation times for building interiors.*

Limitations on use of building product

- Horizon has not been tested as part of a fire rated separation assembly, and therefore does not contribute to and do not affect the fire resistance of fire separations.
- Horizon does not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- Exposure to humidity levels of above 65% may affect durability of the product.

Design requirements supporting appropriate use of building product

- Horizon panels are designed to be installed directly fixed to ceilings and walls or suspended from ceilings.
- In certain locations and building types, seismic bracing may be required for Horizon suspended from a ceiling. Consult a qualified seismic expert or contact your Autex Acoustics account manager for information and advice.
- When installing Horizon near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 80°C.
- When installing Horizon on ceilings in extreme conditions such as indoor pools, any cavity between the roof and the acoustic panel should not be enclosed. Consult a qualified specialist such as a mechanical engineer and contact your Autex Acoustics account manager for information and advice on suitable designs.
- Consideration must be given when designing and installing Horizon around sprinkler and fire alarm systems. Refer to Horizon Design and Installation around Fire Protection Systems guidance document for details.

Installation requirements

- Horizon must be installed according to the Horizon Install Instructions found on this website: autexacoustics.co.nz/products/horizon

Maintenance requirements	• Refer to the Autex Acoustics Care and Maintenance Guide for cleaning and maintenance instructions. • Horizon panels need to be removed from the ceiling or wall to clean safely. Disassembly instructions can be found in Horizon Install Instructions. • Perform light vacuuming on a regular basis to prevent build-up of dust. • Light marks can be cleaned with a mild detergent solution followed by rinsing and blotting. • Stubborn stains should be dealt with according to the Care and Maintenance Guide, or by contacting a professional cleaning expert. • Printed Horizon must be cleaned by a specialist cleaning company.

This product is not subject to a warning or ban under section 26 of the Building Act.

Autex Acoustics®

Lanes™

Product Information

Lanes™ is a battened style acoustic system made from 12 mm Cube™. The air gap behind each lane provides enhanced low frequency sound absorption. Lanes is available in three styles: Peak, Plane, and Sawtooth.

Relevant Building Code Clauses and how product is expected to contribute to compliance

- B2 Durability: Performance B2.3.1(c).
  Lanes meets durability requirement of 5 years.
- C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).
  Lanes is made from Cube which achieved Group Number 1-S when assessed to ISO 9705 and can be used in locations where internal surface linings with Group Number 1-S are allowed.
- F2 Hazardous Building Materials: Performance F2.3.1.
  There are no known hazards when using or handling Lanes.

Lanes can help spaces meet design sound levels and reverberation times prescribed by AS/NZS 2107:2016 *Acoustics—Recommended design sound levels and reverberation times for building interiors.*

Limitations on use of building product

- Lanes has not been tested as part of a fire rated separation assembly, and therefore does not contribute to and do not affect the fire resistance of fire separations.
- Lanes does not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- Exposure to humidity levels of above 65% may affect durability of the product.
- Air passing through the product due to high pressure or temperature difference can cause the appearance of soil filtration lines on the product surface. This is not a product fault and can be avoided by minimising high temperature or pressure difference across the product and by keeping the room well-ventilated and free from pollutants.

Design requirements supporting appropriate use of building product

- Lanes is designed to be installed with an air gap on walls.
- When installing Lanes near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 80°C.

Installation requirements

- Lanes must be installed according to the Lanes Install Instructions found on this website: autexacoustics.co.nz/products/lanes

Maintenance requirements

- Refer to the Autex Acoustics Care and Maintenance Guide for cleaning and maintenance instructions.
- Perform light vacuuming on a regular basis to prevent build-up of dust.
- Light marks can be cleaned with a mild detergent solution followed by rinsing and blotting.
- Stubborn stains should be dealt with according to the Care and Maintenance Guide, or by contacting a professional cleaning expert.
- Printed Lanes must be cleaned by a specialist cleaning company.

This product is not subject to a warning or ban under section 26 of the Building Act.

Autex Acoustics®

Lattice

Product Information

Lattice is a range of hanging sculptures built from a grid of acoustic fins. Covering a greater surface area than traditional parallel fin systems, Lattice effectively absorbs echo and reverberation in interior spaces. Lattice is made from 100% polyester fibre and is lightweight and structurally sound.

Relevant Building Code Clauses and how product is expected to contribute to compliance

- B1 Structure: Performance B1.3.1 and B1.3.2.
  Lattice suspension components have been tested and shown to have enough capacity to withstand typical earthquake and wind actions.
- B2 Durability: Performance B2.3.1(c).
  Lattice meets durability requirement of 5 years.
- C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).
  Lattice is made from Cube™ which achieved Group Number 1-S when assessed to ISO 9705 and can be used in locations where internal surface linings with Group Number 1-S are allowed.
- F2 Hazardous Building Materials: Performance F2.3.1.
  There are no known hazards when using or handling Lattice.

Lattice can help spaces meet design sound levels and reverberation times prescribed by AS/NZS 2107:2016 *Acoustics—Recommended design sound levels and reverberation times for building interiors.*

Limitations on use of building product

- Lattice has not been tested as part of a fire rated separation assembly, and therefore does not contribute to and do not affect the fire resistance of fire separations.
- Lattice does not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- Exposure to humidity levels of above 65% may affect durability of the product.

Design requirements supporting appropriate use of building product

- Lattice is designed to be installed suspended from ceilings.
- In certain locations and building types, seismic bracing may be required for Lattice suspended from a ceiling. Consult a qualified seismic expert or contact your Autex Acoustics account manager for information and advice.
- When installing Lattice near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 80°C.
- Consideration must be given when designing and installing Frontier around sprinkler and fire alarm systems. Refer to Lattice Design and Installation around Fire Protection Systems guidance document for details.

Installation requirements

- Lattice must be installed according to the Lattice Install Instructions found on this website: autexacoustics.co.nz/products/lattice

Maintenance requirements

- Refer to the Autex Acoustics Care and Maintenance Guide for cleaning and maintenance instructions.
- Lattice needs to be removed from the ceiling to clean safely. Disassembly instructions can be found in the Lattice Install Instructions.
- Perform light vacuuming on a regular basis to prevent build-up of dust.
- Light marks can be cleaned with a mild detergent solution followed by rinsing and blotting.
- Stubborn stains should be dealt with according to the Care and Maintenance Guide, or by contacting a professional cleaning expert.
- Printed Lattice must be cleaned by a specialist cleaning company.

This product is not subject to a warning or ban under section 26 of the Building Act.

Autex Acoustics®

Mirage™

Product Information

Mirage™ Textured Panel is an acoustic panel designed to be used on the walls of interior spaces. Mirage is available in designs made from 12 mm and 24 mm thicknesses of Autex Cube™ Panel which are both lightweight and semi-rigid – made from 100% polyester fibres.

Relevant Building Code Clauses and how product is expected to contribute to compliance

- B2 Durability: Performance B2.3.1(c).
  Mirage meets durability requirement of 5 years.
- C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).
  Mirage achieved Group Number 1-S when tested and assessed to ISO 9705 and can be used in locations where internal surface linings with Group Number 1-S are allowed.
- F2 Hazardous Building Materials: Performance F2.3.1.
  There are no known hazards when using or handling Mirage.

Mirage can help spaces meet design sound levels and reverberation times prescribed by AS/NZS 2107:2016 *Acoustics - Recommended design sound levels and reverberation times for building interiors.*

Limitations on use of building product

- Mirage has not been tested as part of a fire rated separation assembly, and therefore does not contribute to and do not affect the fire resistance of fire separations.
- Mirage does not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- Exposure to humidity levels of above 65% may affect durability of the product.
- Air passing through the product due to high pressure or temperature difference can cause the appearance of soil filtration lines on the product surface. This is not a product fault and can be avoided by minimising high temperature or pressure difference across the product and by keeping the room well-ventilated and free from pollutants.

Design requirements supporting appropriate use of building product

- Mirage is designed to be installed on walls to reduce reverberation times.
- When installing Mirage near lighting or heating appliances, it must be ensured that the surface of the product does not exceed 80°C.
- When installing Mirage on ceilings in extreme conditions such as indoor pools, any cavity between the roof and the acoustic panel should not be enclosed. Consult a qualified specialist such as a mechanical engineer and contact your Autex Acoustics account manager for information and advice on suitable designs.

Installation requirements

- Mirage must be installed according to the Mirage Install Instructions found in this website: autexacoustics.co.nz/products/Mirage
- Mirage can be installed on common wall and ceiling substrates or attached to battens behind to create an air gap.
- Contact-type adhesive or high grab MS polymer adhesive is recommended for applying Mirage to most common substrates.
- Mirage can be installed with mechanical fixings according to the Installing Mirage using Mechanical Fixings Supplement
- For walls or ceilings that require a Fire Resistance Rating (FRR), penetrations for plumbing, electrical switches, and light fittings must be avoided wherever possible.

Maintenance requirements	• Refer to the Autex Acoustics Care and Maintenance Guide for cleaning and maintenance instructions. • Perform light vacuuming on a regular basis to prevent build-up of dust. • Light marks can be cleaned with a mild detergent solution followed by rinsing and blotting. • Stubborn stains should be dealt with according to the Care and Maintenance Guide, or by contacting a professional cleaning expert.

This product is not subject to a warning or ban under section 26 of the Building Act.

Autex Acoustics®

Quietspace® Panel

Product Information

Quietspace® Panel is a high-performance acoustic treatment engineered to absorb sound energy across the broad range of frequencies. Made from 100% polyester fibre, Quietspace Panel has a hard, compressed face and cushioned backing, available in 25 mm, 50 mm, 75 mm, and 100 mm thicknesses.

Relevant Building Code Clauses and how product is expected to contribute to compliance

- B2 Durability: Performance B2.3.1(c).
  Quietspace Panel meets durability requirement of 5 years.
- C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).
  Quietspace Panel achieved Group Number 1-S when tested and assessed to ISO 9705 and can be used in locations where internal surface linings with Group Number 1-S are allowed.
- F2 Hazardous Building Materials: Performance F2.3.1.
  There are no known hazards when using or handling Quietspace Panel.

Quietspace Panel can help spaces meet design sound levels and reverberation times prescribed by AS/NZS 2107:2016 *Acoustics—Recommended design sound levels and reverberation times for building interiors*.

Limitations on use of building product

- Quietspace Panel has not been tested as part of a fire rated separation assembly, and therefore does not contribute to and do not affect the fire resistance of fire separations.
- Quietspace Panel does not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- Exposure to humidity levels of above 65% may affect durability of the product.
- Air passing through the product due to high pressure or temperature difference can cause the appearance of soil filtration lines on the product surface. This is not a product fault and can be avoided by minimising high temperature or pressure difference across the product and by keeping the room well-ventilated and free from pollutants.

Design requirements supporting appropriate use of building product

- Quietspace Panel is designed to be installed on walls and ceilings to reduce reverberation times.
- Quietspace Panel is supplied as standard 2440 mm x 1220 mm sheets to allow trimming to size at installation.
- When installing Quietspace Panel near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 80°C.
- When installing Quietspace Panel on ceilings in extreme conditions such as indoor pools, any cavity between the roof and the acoustic panel should not be enclosed. Consult a qualified specialist such as a mechanical engineer and contact your Autex Acoustics account manager for information and advice on suitable designs.

Installation requirements

- Quietspace Panel must be installed according to the Quietspace Panel Install Instructions found on this website: autexacoustics.co.nz/products/quietspace-panel
- Quietspace Panel can be installed directly on common wall and ceiling substrates, or attached to battens to create an air gap.
- Contact-type adhesive or high grab MS polymer adhesive is recommended for applying Quietspace Panel to most common substrates.
- Quietspace Panel can be installed with mechanical fixings according to the Installing Quietspace Panel using Mechanical Fixings Supplement.
- For walls or ceilings that require a Fire Resistance Rating (FRR), penetrations for plumbing, electrical switches, and light fittings must be avoided wherever possible.

Maintenance requirements	• Refer to the Autex Acoustics Care and Maintenance Guide for cleaning and maintenance instructions. • Perform light vacuuming on a regular basis to prevent build-up of dust. • Light marks can be cleaned with a mild detergent solution followed by rinsing and blotting. • Stubborn stains should be dealt with according to the Care and Maintenance Guide, or by contacting a professional cleaning expert. • Printed Quietspace Panel must be cleaned by a specialist cleaning company.

This product is not subject to a warning or ban under section 26 of the Building Act.

Autex Acoustics®

Vertiface®

Product Information

Vertiface® is a durable, versatile wallcovering made from 100% polyester fibre. With a soft velour finish on one side, and sleek flat pile on the other, Vertiface can be used as a furnishing fabric, wallcovering, and acoustic panel overlay. Vertiface is hook-and-loop receptive and pinnable with a self-healing surface.

Relevant Building Code Clauses and how product is expected to contribute to compliance

- B2 Durability: Performance B2.3.1(c).
  Vertiface meets durability requirement of 5 years.
- C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).
  Vertiface achieved Group Number 1-S when tested and assessed to ISO 9705 and can be used in locations where internal surface linings with Group Number 1-S are allowed.
- F2 Hazardous Building Materials: Performance F2.3.1.
  There are no known hazards when using or handling Vertiface.

Limitations on use of building product

- Vertiface has not been tested as part of a fire rated separation assembly, and therefore does not contribute to and do not affect the fire resistance of fire separations.
- Vertiface does not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- Exposure to humidity levels of above 65% may affect durability of the product.
- Air passing through the product due to high pressure or temperature difference can cause the appearance of soil filtration lines on the product surface. This is not a product fault and can be avoided by minimising high temperature or pressure difference across the product and by keeping the room well-ventilated and free from pollutants.

Design requirements supporting appropriate use of building product

- Vertiface is designed to be installed as a decorative wallcovering over standard wall substrates or over an Autex Acoustics backing.
- Vertiface is supplied as standard 1.3 m x 50 m rolls.
- When installing Vertiface near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 80°C.

Installation requirements

- Vertiface must be installed according to the Vertiface Install Instructions found on this website: autexacoustics.co.nz/products/vertiface
- Contact-type adhesive is recommended for applying Vertiface to most common substrates.
- Vertiface has a pile and must be installed with the fabric pile running in the same direction to avoid the appearance of colour variations.

Maintenance requirements

- Refer to the Autex Acoustics Care and Maintenance Guide for cleaning and maintenance instructions.
- Perform light vacuuming on a regular basis to prevent build-up of dust.
- Light marks can be cleaned with a mild detergent solution followed by rinsing and blotting.
- Stubborn stains should be dealt with according to the Care and Maintenance Guide, or by contacting a professional cleaning expert.

This product is not subject to a warning or ban under section 26 of the Building Act.

Autex Acoustics®

Vicinity™ Workstation Screens

Product Information

Vicinity™ Workstation Screens are elegant, lightweight, 100% polyester acoustic screens designed to be fixed non-destructively to any desk via the Vicinity Workstation Clamps.

Relevant Building Code Clauses and how product is expected to contribute to compliance

- B2 Durability: Performance B2.3.1(c).
  Vicinity Workstation Screens meets durability requirement of 5 years.
- C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).
  Vicinity Workstation Screens are made from Cube™ which achieved Group Number 1-S when tested and assessed to ISO 9705 and can be used in locations where internal surface linings with Group Number 1-S are allowed.
- F2 Hazardous Building Materials: Performance F2.3.1.
  There are no known hazards when using or handling Vicinity Workstation Screens.

Vicinity Workstation Screens can help spaces meet design sound levels and reverberation times prescribed by AS/NZS 2107:2016 *Acoustics—Recommended design sound levels and reverberation times for building interiors*.

Limitations on use of building product

- Vicinity Workstation Screens has not been tested as part of a fire rated separation assembly, and therefore does not contribute to and do not affect the fire resistance of fire separations.
- Vicinity Workstation Screens does not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- Exposure to humidity levels of above 65% may affect durability of the product.

Design requirements supporting appropriate use of building product

- Vicinity Workstation Screens and Clamps work in collaboration; the die-cast zinc clamps slot comfortably into the screen via pre-cut sockets which are then fixed to the desk using a single Allen key.
- When installing Vicinity Workstation Screens near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 80°C.

Installation requirements

- Vicinity Workstation Screens must be installed according to the Vicinity Workstation Screens Install Instructions found on this website: autexacoustics.co.nz/products/vicinity

Maintenance requirements

- Refer to the Autex Acoustics Care and Maintenance Guide for cleaning and maintenance instructions.
- Perform light vacuuming on a regular basis to prevent build-up of dust.
- Light marks can be cleaned with a mild detergent solution followed by rinsing and blotting.
- Stubborn stains should be dealt with according to the Care and Maintenance Guide, or by contacting a professional cleaning expert.

This product is not subject to a warning or ban under section 26 of the Building Act.

CARBON NEUTRAL

In everything we do

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