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Quest

FOR THE BEST IN CARPET

ProTile

Installation Instructions

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ProTile Commercial Carpet Tiles have been designed to perform in moderate to high traffic commercial installations. To ensure that your ProTile carpet tiles perform well, it is important to install and maintain them as recommended.

Improper installation or maintenance practices can lead to floor failure, so it's important to read and understand these installation instructions and the associated maintenance instructions prior to installing your new carpet tiles.

Should there be any issues with your ProTile Carpet Tiles prior to, or after installation, be sure to contact your place of purchase or call Quest Carpets directly on 1800 337 404.

Important Information

It is important to ensure that safe work practices are followed when installing ProTile Carpet Tiles.

Appropriate protective clothing, eyewear and footwear should be worn to help prevent injury. Take care when cutting ProTile Carpet Tiles with any blade or guillotine and always follow manufacturer's specific safety recommendations when using any adhesives, levelling compounds and sanding or grinding machinery.

Relevant Standards

ProTile Carpet Tiles and Planks should be installed in accordance with **Australian Standard AS 2455.2:2019**.

Installing ProTile Carpet Tiles

Pre-Installation Checks

It is important to carry out the following checks prior to installing ProTile Carpet Tiles.

- Check the **colour**, **product code**, **pattern** and **style** of the carpet tiles to ensure that what has been supplied is the same as what has been ordered.
- Check the **dye lots / batch numbers** on each carton of tiles supplied are the same.
- Check that **dye lot variation** (when using different batches on the same installation) are within customers acceptable tolerance when viewed in different light sources. Note also that it is not recommended to install different batches in the same area. When installing different batches, they are best installed in different areas / rooms of an installation.
- Check that the tiles are the **correct width** and **length**

If any visible faults are present or the product is deemed inappropriate for any reason, it's important not to install the tiles. Simply contact your place of purchase to arrange for new tiles to be delivered / swapped over.

Once you've checked the product, remember that it's important to ensure finished light conditions prevail during the installation process. It should be noted that ProTile Carpet Tiles must be adhered to the sub floor with the recommended adhesive i.e. **Nexus 840 Pressure Sensitive Adhesive**.

ProTile Carpet Tiles must not be laid without adhesive

Pre-Conditioning

It is essential to acclimatise (or pre-condition) carpet tiles in the installation environment for 48 hours prior to installation. During this time, heating and cooling systems should be operational to simulate normal or intended site conditions. Remove carpet tiles from the cardboard packaging and stack in small stacks throughout the installation area during this time. Acclimatisation should be undertaken with temperatures between **15-30°C** and with a relative humidity between **40-60%**.

Floor Preparation

ProTile Carpet Tiles can be installed atop any well-prepared subfloor. In essence, subfloors should be sound, level, dry and free of contaminants.

More specifically; a clean subfloor is one that is free of dust, paint, sealers, waxes, oils, bitumen-based products, grease, old adhesive etc. Dirty subfloors can be cleaned in most cases by sanding timber subfloors or grinding concrete surfaces.

A dry subfloor is essential to ensure the adhesive works efficiently. Concrete and timber subfloors (including plywood, chipboard, particleboard or solid floorboards) should be moisture tested to ensure compliance with the requirements of **AS 2455.2:2019**. At the same time, it is important to check the pH level of the concrete subfloor to ensure the alkalinity is between **pH7** and **pH9**.

In the instance that a moisture barrier is required to be installed, it is important to ensure compatibility between the moisture barrier, levelling compound and adhesive prior to application of any product.

Subfloors should be levelled in accordance with **AS 2455.2:2019**. Ensure that cracks and holes in concrete subfloors are filled using an appropriate floor levelling compound, applied in accordance with manufacturers' instructions.

It is recommended to cover level timber flooring surfaces using hardboard or rigid sheet flooring underlay for best results.

Remove any old floor coverings prior to commencement. In some cases, ProTile carpet tiles can be installed on top of existing, well laid ceramic or stone tiles. Special instructions for such installations for this type of installation can be obtained by contacting **Quest Carpets** directly on **1800 337 404**.

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Adhesive

Quest Carpets recommends the use of **Nexus 840 Pressure Sensitive Adhesive**. This adhesive has been rigorously tested to perform on both PVC and EcoTX® Backed ProTile Carpet Tiles.

When installing PVC backed ProTile Carpet Tiles, **Nexus 840 Adhesive** should be applied using a **1.5 mm V-Notched Trowel** in a sweeping continuous s-motion to ensure even adhesive application. A thick napped paint roller can also be used for PVC backed tiles only, ensuring that coverage rates prescribed by the adhesive manufacturer are achieved.

When installing EcoTX® Backed ProTile Carpet Tiles, only trowel application is permitted, again using a **1.5 mm V-Notched Trowel**.

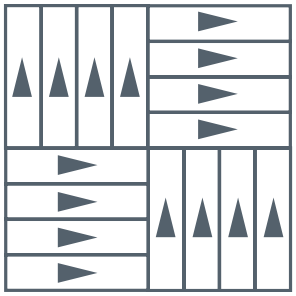
Adhesive should be spread at the recommended application rates and allowed to dry clear prior to installation of the carpet tiles onto the clear tacky film.

Install Tiles

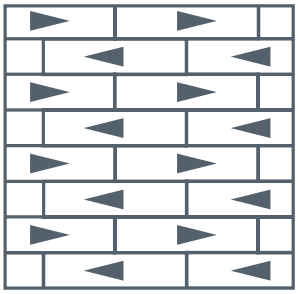
Installation should commence in the centre of installation area or largest room. All installation should comply with the requirements of **Australian Standard AS 2455.2:2019**.

Approved Installation Methods

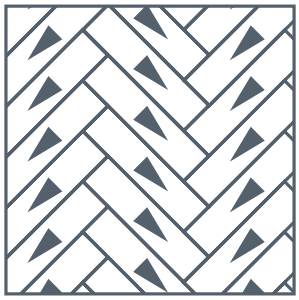
Planks: 25 cm x 100 cm
Economy Class



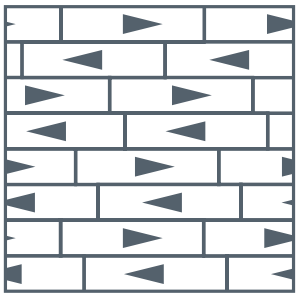
Quarter Turn



Ashlar

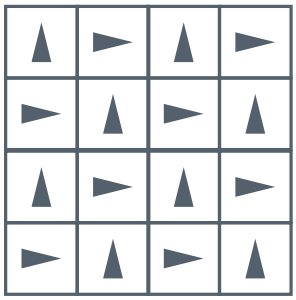


Herringbone



Random

Tiles: 50 cm x 50 cm
Business Class, Economy and Basic



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