

Alternative Surfaces Specification Guidelines

Contents

Existing Substrates: Floors	page 3
Existing Substrates: Walls	page 4
Existing Substrates: Joinery	page 5
Quartz Carpet Open Pore	page 6
Quartz Carpet Pore Filled	page 6
Terradec 2-4mm	page 7

Quartz Carpet Specifications

For the past 18 years Alternative Surfaces have been redefining the art of surfaces creativity by providing high-quality seamless finishes to Architects, Designers, Builders, Property Developers & Homeowners. Alternative Surfaces are the exclusive Australasian Distributors of Quartz Carpet & Terradec. Quartz Carpet consists of natural and coloured quartz stones with a binder, which is hand trowelled over an existing substrate to floors, walls and joinery both internally and externally.

Based in Melbourne, Alternative Surfaces supply and install Quartz Carpet on a range of projects including commercial, retail, residential, hospitality, industrial and educational projects.

If you would like to discuss your project with one of our Architectural Reps please contact us:

By phone : (03) 9427 1100

By email : sales@altsurfaces.com.au

Please note: The following specifications apply to all projects where Alternative Surfaces are the contractors supplying & installing Quartz Carpet. If the project is outside of Victoria or if an independent contractor installs the X-Bond we cannot guarantee that the same appearance will be achieved.

Existing Substrates

Floors:

SUBSTRATE	REQUIREMENTS
Concrete	Where there is an existing expansion joint, back-to-back profiles will be placed to allow for movement.
Tiles	Any damaged, loose or drummy tiles need to be removed and patched up. Site inspection will determine if tiles are OK.
Compressed Sheeting	Minimum of 12-18mm compressed sheeting Profiles applied at sheet joints to allow for movement. <u>NOTE: We DO NOT go directly over compressed sheeting in bathrooms.</u>

Existing Substrates

Walls:

SUBSTRATE	REQUIREMENTS
Plaster	Prepared as if ready for painting. All joints to be taped and stopped up.
Villa Board	Prepared as if ready for painting. All joints to be taped and stopped up.
FC Sheeting	Profiles must be applied at sheet joints.
Blue board	Prepared as if ready for painting. All joints to be taped and stopped up.
Concrete	Light grind or sand. Saw cuts applied at an expansion joints.
Brick	Light grind or sand. Base coat render to be applied prior to X-Bond installation.
Foam	Mesh and X-Bond base coat used prior to installation.
Ply	Profiles must be applied at sheet joints.
MDF	Profiles must be applied at sheet joints.

Existing Substrates

Joinery:

SUBSTRATE	REQUIREMENTS
MDF	Used for internal joinery only. Joints to be screwed and glued. Metal external angles applied by Alt team prior to X-Bond base coat. Our products are then applied over the angle. Profiles applied at sheet joints to prevent cracks from movement.
Laminate	Used for internal joinery only. Metal external angles applied by Alt team prior to X-Bond base coat. Our products are then applied over the angle. Profiles applied at sheet joints to prevent cracks from movement.
Marine Ply	Used for external joinery undercover only. Joints to be screwed and glued. Metal external angles applied by Alt team prior to X-Bond base coat. Our products are then applied over the angle. Profiles applied at sheet joints to prevent cracks from movement.
Compressed Sheeting	Used for external joinery that is exposed to elements. Joints to be screwed and glued. Metal external angles applied by Alt team prior to X-Bond base coat. Our products are then applied over the angle. Profiles applied at sheet joints to prevent cracks from movement.

Finish: Quartz Carpet Stone: 2-3mm Open Pore				
Characteristics/Application	Appearance	Areas of Suitability	Cleaning	Slip Rating
<p>Quartz stones are mixed with an epoxy and hand trowelled over an existing substrate at 5-7mm thick for foot traffic areas and 10-15mm thick for vehicle traffic. Some trowel marks may be visible in finished floor.</p> <p>If you would like the stones to have a more Matt finish, an epoxy Matt Top Coat is applied over the stones. This sealer does not fill the spaces between the stones, it only creates a matter finish.</p>	<ul style="list-style-type: none"> • Medium stones • Textured finish • Looks like carpet • Natural sheen of stones in enhance by gloss sealer • Matt top coat can be requested to provide a more matt finish • Under feature lights and natural light trowel marks become more evident. This is a natural characteristic of the finish. 	<p>Suitable for:</p> <ul style="list-style-type: none"> • External floors • Internal floors (not wet areas) • Internal walls • External walls • Furniture <p>Open Pore finish not suitable for splashbacks, showers or internal wet areas such as kitchens & bathrooms as it is a non-moppable surface.</p> <p>Due to the textured finish, it may not be suitable for all furniture pieces.</p>	<p>Vacuum and sweep – treat like carpet. Clean up spills with damp sponge</p> <p>Do not mop</p> <p>External – pressure wash, hose or bristle brush</p> <p>Periodic scrub and clean machine (refer to maintenance procedure)</p> <p>Refer to maintenance procedures.</p>	P4
Finish: Quartz Carpet Stone: 2-3mm Pore Filled				
Characteristics/Application	Appearance	Areas of Suitability	Cleaning	Slip Rating
<p>Quartz stones are mixed with an epoxy and hand trowelled over an existing substrate at 5-7mm thick and 10-15mm thick for vehicle traffic. Some trowel marks may be visible in finished floor.</p> <p>A clear liquid called Pore Fill is applied over the stones to fill in the spaces between the stones.</p> <p>In addition to the Pore Fill, a coat of epoxy Gloss or Matt Sealer is applied over the Pore Fill.</p>	<ul style="list-style-type: none"> • Medium stones • Textured finish • Gloss is gloss in appearance • Matt is matt in appearance • Under feature lights and natural light trowel marks become more evident. This is a natural characteristic of the finish. 	<p>Suitable for:</p> <ul style="list-style-type: none"> • Internal floors • Joinery <p>Pore Filled finish not suitable for splashbacks, showers or external applications.</p>	<p>Vacuum, sweep, wipe and mop</p> <p>Periodic scrub and clean machine (refer to maintenance procedure)</p> <p>Do not use a steam mop</p> <p>Refer to maintenance procedures.</p>	<p>Gloss – P2</p> <p>Matt – P2</p>

Finish: Quartz Carpet Stone: 1-2mm Pore Filled				
Characteristics/Application	Appearance	Areas of Suitability	Cleaning	Slip Rating
<p>Quartz stones are mixed with an epoxy and hand trowelled over an existing substrate at 5-7mm thick and 10-15mm thick for vehicle traffic. Some trowel marks may be visible in finished floor.</p> <p>A clear liquid called Pore Fill is applied over the stones to fill in the spaces between the stones.</p> <p>In addition to the Pore Fill, a coat of epoxy Gloss (EAA) or Matt Sealer (PU Topline) is applied over the Pore Fill.</p>	<ul style="list-style-type: none"> • Small stones • Textured finish • Gloss is gloss in appearance • Matt is matt in appearance • Under feature lights and natural light trowel marks become more evident. This is a natural characteristic of the finish. 	<p>Suitable for:</p> <ul style="list-style-type: none"> • Internal floors • Joinery <p>Pore Filled finish not suitable for splashbacks, showers or external applications.</p>	<p>Vacuum, sweep, wipe and mop</p> <p>Periodic scrub and clean machine (refer to maintenance procedure)</p> <p>Do not use a steam mop</p> <p>Refer to maintenance procedures.</p>	<p>Gloss – P2</p> <p>Matt – P2</p>
Finish: Terradec Strong Stone: 4-6mm & 6-8mm				
Characteristics/Application	Appearance	Areas of Suitability	Cleaning	Slip Rating
<p>Terradec is a seamless outdoor water-permeable floor system. It consists of natural stones that are hand trowelled for a strong, porous floor. The stones are bound using a specifically developed polyurethane binder that is UV-stable and non-yellowing, making it excellent for external areas.</p>	<ul style="list-style-type: none"> • Seamless, smooth and comfortable underfoot • Natural texture • Water-permeable • Durable and impact resistant • UV stable and weather resistant stone and binder • Non-yellowing 	<p>Suitable for:</p> <ul style="list-style-type: none"> • Footpaths • Garden paths • Around trees <p>Application thickness:</p> <ul style="list-style-type: none"> • 30mm over crushed rock • 20mm over water-permeable concrete 	<p>Hose down and scrub with a bristle broom or low-pressure water washer.</p> <p>Refer to maintenance procedures</p>	<p>P2</p>

Finish: Terradec Solid Stone: 4-6mm & 6-8mm				
Characteristics/Application	Appearance	Areas of Suitability	Cleaning	Slip Rating
<p>Terradec is a seamless outdoor water-permeable floor system. It consists of natural stones that are hand trowelled for a strong, porous floor. The stones are bound using a specifically developed polyurethane binder that is UV-stable and non-yellowing, making it excellent for external areas.</p>	<ul style="list-style-type: none"> Seamless, smooth and comfortable underfoot Natural texture Water-permeable Durable and impact resistant UV stable and weather resistant stone and binder Non-yellowing 	<p>Suitable for:</p> <ul style="list-style-type: none"> Carparks Driveways Bicycle trails <p>Vehicle weight 2.7 tones.</p> <p>Application thickness:</p> <ul style="list-style-type: none"> 40mm over crushed rock 20mm over concrete or water-permeable concrete. 	<p>Hose down and scrub with a bristle broom or low-pressure water washer.</p> <p>Refer to maintenance procedures</p>	<p>P2</p> <p>Option - With 12% sand P5</p>
Finish: Terradec Splendid Stone: 2-3mm, 2-4mm, 4-6mm & 6-8mm				
Characteristics/Application	Appearance	Areas of Suitability	Cleaning	Slip Rating
<p>Terradec is a seamless outdoor water-permeable floor system. It consists of natural & coloured stones that are hand trowelled for a strong, porous floor. The stones are bound using a specifically developed polyurethane binder that is UV-stable and non-yellowing, making it excellent for external areas.</p>	<ul style="list-style-type: none"> Seamless, smooth and comfortable underfoot Natural texture Water-permeable Durable and impact resistant UV stable and weather resistant stone and binder Non-yellowing 	<p>Suitable for:</p> <ul style="list-style-type: none"> Patios Balconies External entertainment areas Walkways Pool surrounds <p>Application thickness:</p> <ul style="list-style-type: none"> 2-3mm stone at 6mm thick 3-4mm stone at 8mm thick 4-6mm stone at 10mm thick 6-8mm stone at 12mm thick 	<p>Hose down and scrub with a bristle broom or low-pressure water washer.</p> <p>Refer to maintenance procedures</p>	<p>P2</p> <p>Option - With 12% sand P4</p>