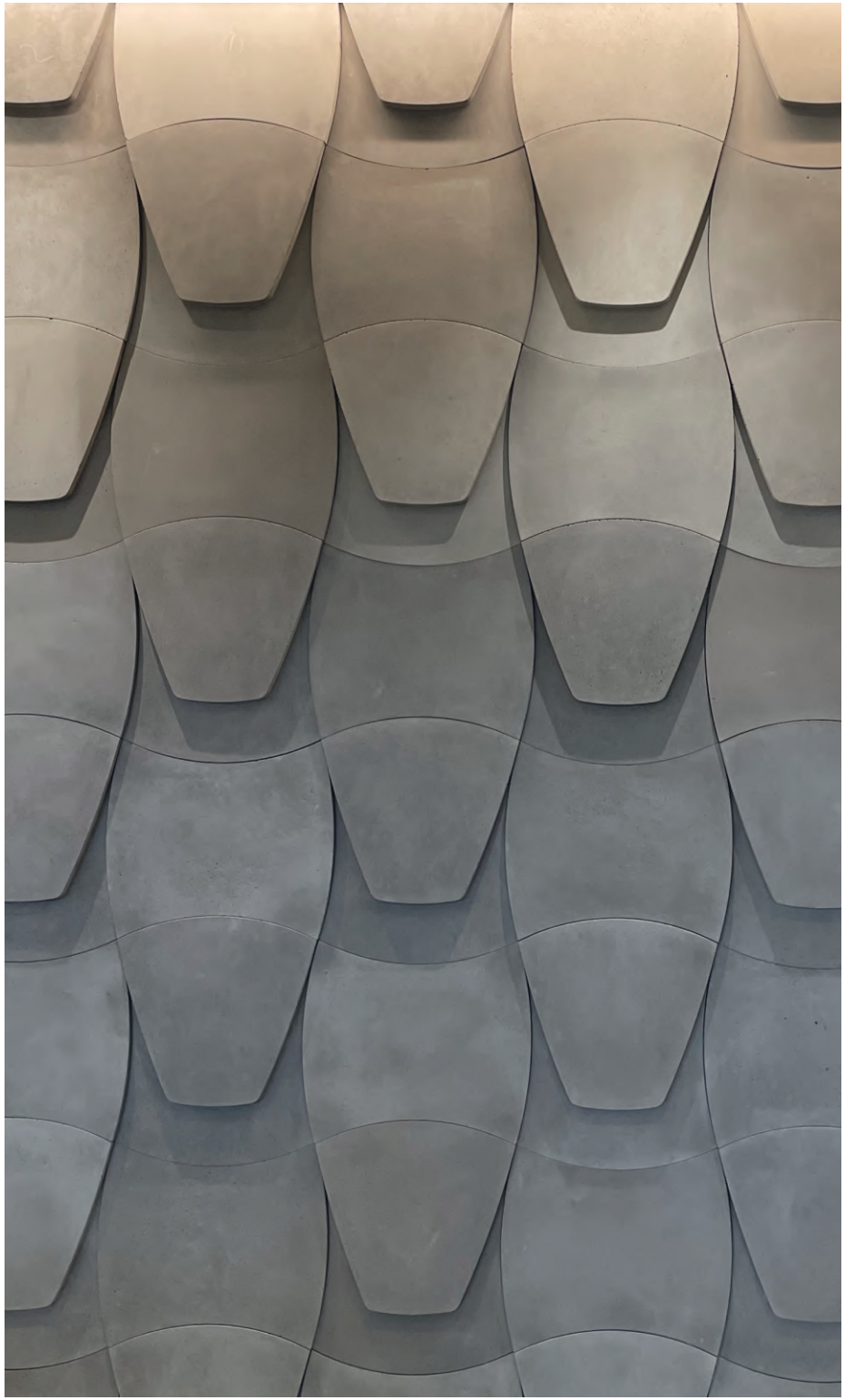


Nuance STUDIO

SQUAMA





Designer: Diego and Leonardo (Argentina)

Conceived by Argentine designers Diego and Leonardo, the Squama Series evokes the layered, rhythmic architecture of a dense biophilic canopy. Moving away from rigid linear grids, it mimics the heavy, overlapping nature of organic leaves. Utilizing a profound 35mm depth, the interlocking system casts deep, undulating shadows, translating the fluid movement of flora into the structural permanence of Litheoz concrete.

The series relies on the precise intersection of two modules - 450mm × 364mm and 364mm × 416mm - to achieve a continuous, sensory ripple across the elevation. Rooted in organic life, Squama embraces the complete Litheoz tactile grammar and is available across all 17 alchemical mineral tones.

For a sharp, modern biophilia that mimics resilient living foliage, specify our Natural or Porous finishes. For a fossilized aesthetic grounded in ancient time, a Travertine or Distressed finish transforms the layered leaves into weathered, eroded stone.


SQUAMA



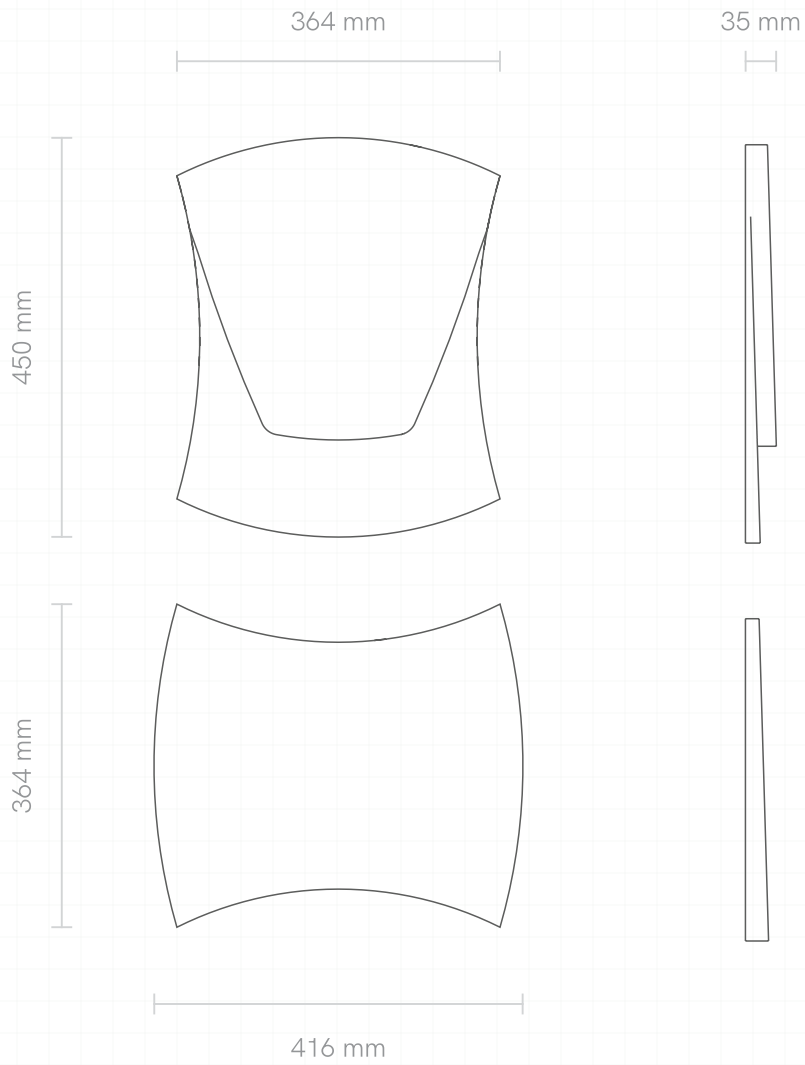


DIMENSIONS

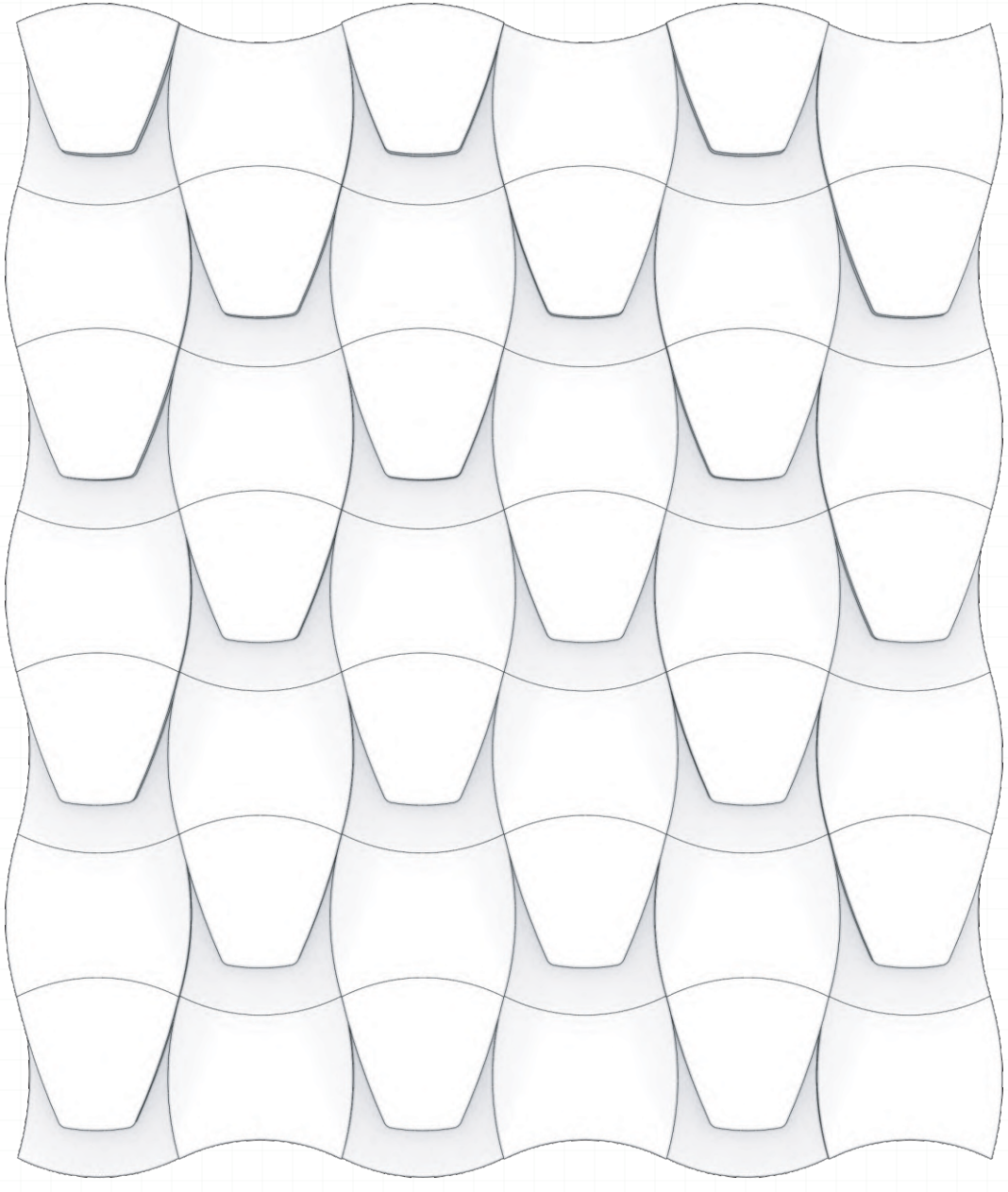
Suggested Textures: Natural & Porous

Discretionary Texture: Travertine & Distressed

MODULES



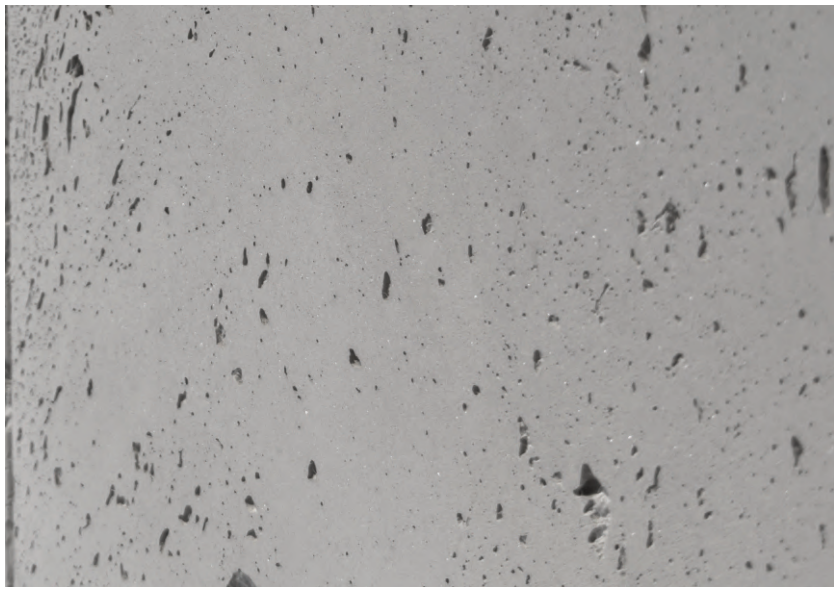
INSTALLATION PATTERNS



TEXTURES



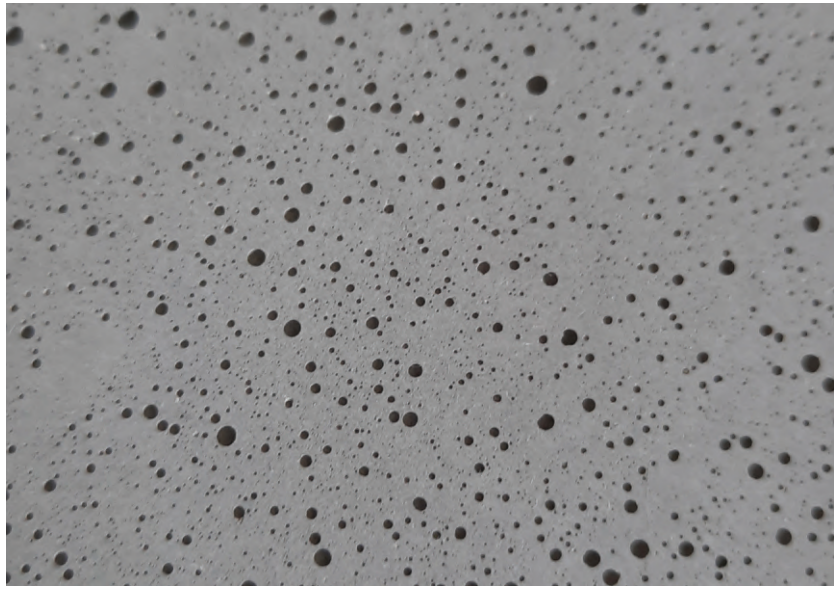
Natural



Travertine

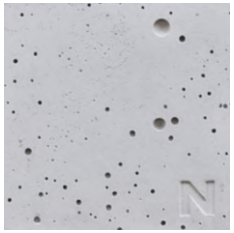


Distressed

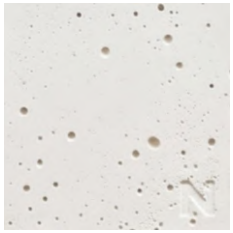


Porous

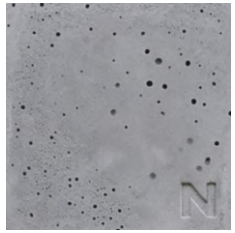
COLORS



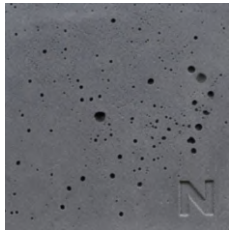
Iced steel



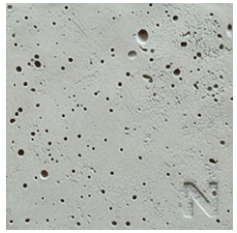
Earth White



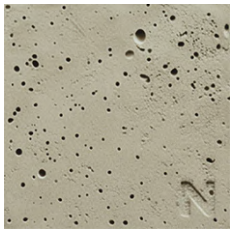
Melted Alloy



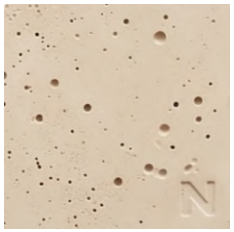
Charcoal



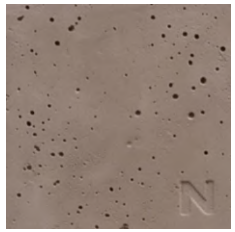
Indian Grey



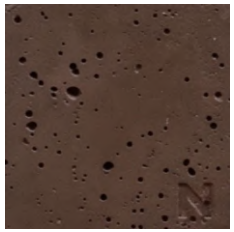
Nomadic Beige



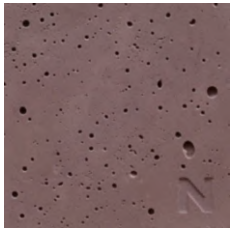
Hushed Cream



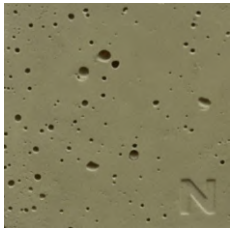
Urban Taupe



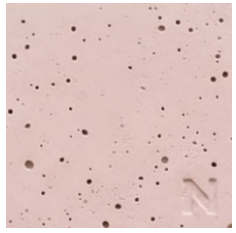
Powdered Mocha



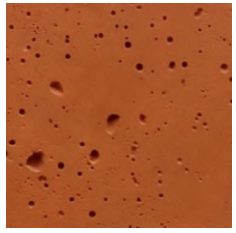
Purple Ore



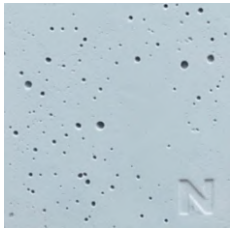
Sage Green



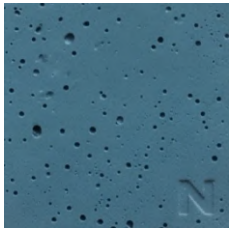
Powdered Pink



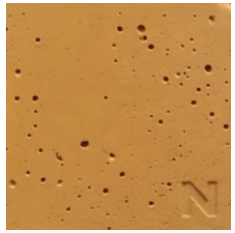
Burnt Orange



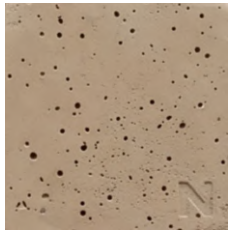
Blue Fog



Prussian Blue



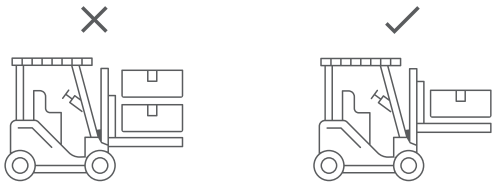
Ocher



Mousse Greige

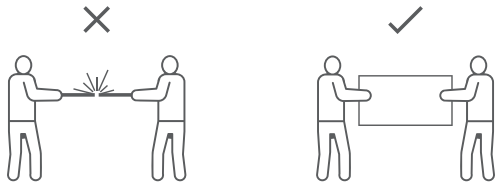
Color Disclaimer:
Despite every effort to accurately match each products's color when manufactured, actual colors may vary. This is a natural trait of concrete. The tonal differences complement its appearance. Color matches cannot be guaranteed.

HANDLING AND STORAGE



USING FORKLIFTS

Use fork lifts for loading and unloading the crates. Ensure that the crate is well balanced and centered to the fork of the forklift. It is not advisable to stack multiple crates while loading and unloading.



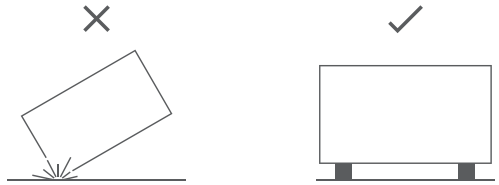
MOVING PANELS

Panels/boxes should be lifted and moved vertically wit the longer edge facing the ground. Lifting and moving the panels with face parallel to the ground may lead to bending and breaking of panels.



STACKING PANELS

Panels/boxes have to be stacked next to each other, perpendicular to the ground. The longer edge of the panels/boxes should face the ground. The panels should never be stacked horizontally on top of one another. This may damage the panels.



STORING PANELS

The panels should be placed on two wooden planks on the ground as shown in the figure. The panels could be damaged if placed directly on the ground. The edges and corners of the panels/boxes should not collide with the floor of the walls while handling, this may damage the panels.



HANDLE WITH CARE

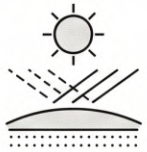
Litheoz panels need to be handled with care. Gloves must be clean, oil and grease can stain the panel surface.



KEEP DRY

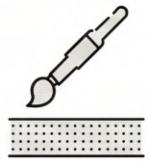
Litheoz panels needs to be protected from moisture at the job-site and in long-term storage.

TECHNICAL SPECIFICATIONS


UV Resistant


Water Repellent

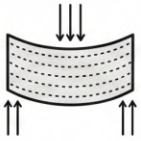

Light weight

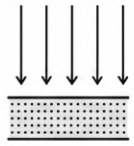

Homogeneously Pigmented

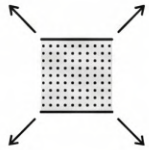


GreenPro Certified


100% Recyclable


High Flexural Strength

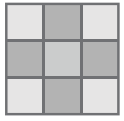

High Compressive Strength


X - Large Format


Sustainable


Non - Toxic


Non Permeable


Mottling Tone Shade Variation V3 Class


High Impact Resistance



Zero VOC


Freeze and Thaw Resistance


High Density



Class A Fire Resistance


Acoustic (NRC >/=0.5)

SIZE

Variation of 1% can be expected in the dimension of the Litheoz panels. For appropriate alignment of the panels during installation, use of spacers is highly advised.

CRACKS

Visible cracks on the panels are considered as defects caused with improper handling while storing or transportation. Hairline cracks on the panels are not considered to be defects. They are a natural characteristic of the material and do not tamper with the functionality. These cracks which are developed over the years are minute, surficial and generally not visible to the naked eye.

SMOOTH NATURAL

The Litheoz panels with this texture is one of our most sophisticated yet earthy offerings. You can expect a few small pinholes on the surface of the panel. This is not considered a defect.

PINHOLES AND AIR BUBBLES

Concrete naturally has some air trapped in it while manufacturing. The occurrence of hole/bubbles is an inherent attribute of the material. Therefore no panels are imitable.

THICKNESS

Variation of 10% can be expected in the thickness of the Litheoz panels.

INSTALLATION PROCEDURES

USING ADHESIVE
WET & DRY WALL CLADDING

Nuance Studio Concrete Wall Panels can be installed on concrete plastered walls as well as dry walls such as plywood and other board partition walls.

Ensure the surface of the wall is as clean and flat as possible on which the panels are being installed. The tiling pattern should be marked on the walls before installing the panels to ensure the right tessellation pattern is achieved. Recommended wall adhesive needs to be used for installing the concrete panels. Different type of adhesives are used to install the concrete panels based on the substrate, height of installation and other factors. Please connect with us for specific details.



WET CLADDING METHOD

Wet Cladding method is used for installing Nuance Studio Concrete Panels on cement plastered walls. S1 class cement-based adhesives are used in this method. The back of the concrete panels should be primed with a priming liquid polymer before cladding.



DRYWALL CLADDING METHOD

Drywall Cladding method is used for installing Nuance Studio Concrete Panels on substrates such as plywood and other board partitions and walls. Drywall adhesives predominantly have A&B components mixed together without using water. Drywall application is less dusty and messy by process.

For Wet Cladding and Drywall cladding, same procedure is followed from here on.

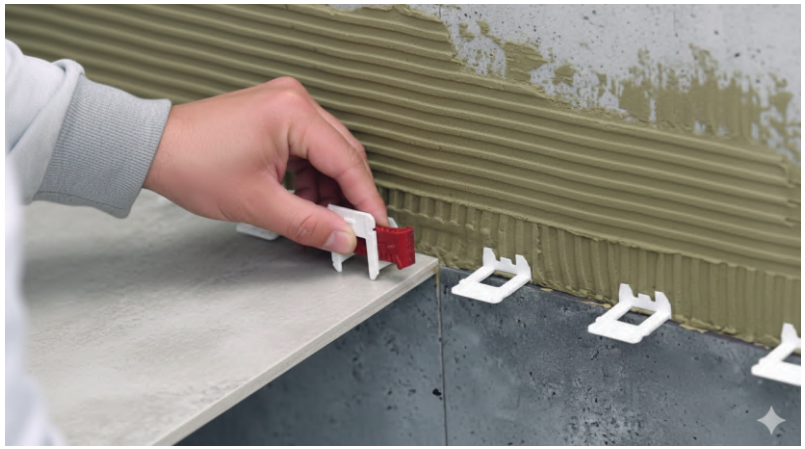
While starting installation, completely butter the back of the concrete panel with a very thin layer of adhesive. Apply the tile adhesive on the installation wall and the back of the Concrete Wall Panel using a notched trowel and install the panels as regular practice.

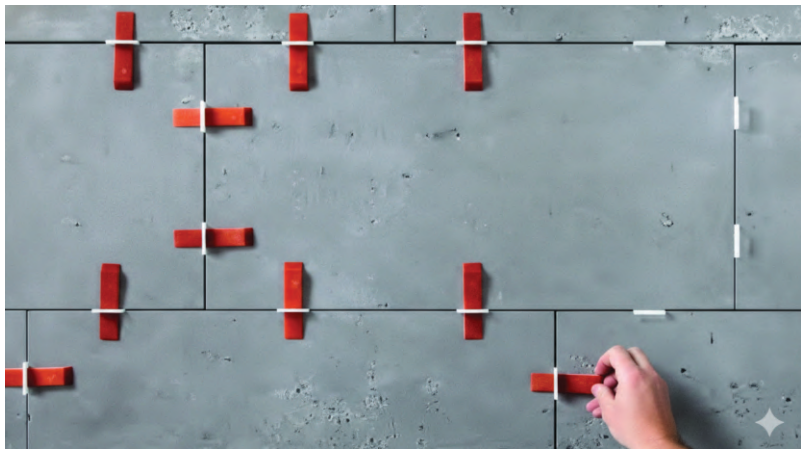
Use of spacers is recommended for installation. The spacer gaps should be filled with superior quality tile grout / sealant where the surface is subjected to moisture and water contact. The tile edges need to be masked using 1□ non- marking masking tape before grouting. The marking tape needs to be removed immediately after the grout is applied. The front surface of the Concrete Panels should be kept clean and away from contact of adhesive and grout, as it may permanently stain the surface. In-case of any residue of the adhesive or grout settling on the surface of the panel, the residue should be wiped off and cleaned immediately to avoid any sorts of stains.

The spacer gaps can be left unfilled in interior application for aesthetic reasons.

Spot bonding of the adhesive is absolutely not recommended for any type of installation.

Mechanical clamps along with adhesive is recommended to be used for multilevel and exterior wall panel installations. Mechanical clamps ensure safety of the installation in higher heights and in varied climatic conditions. Please contact the company for more details.







ISO 9001:2015 ISO 45001:2018 ISO 14001:2015 GreenPro

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