

LibertyTouch

ALUMINIUM FACADE

“Liberty Infra Industries is a manufacturer & supplier of various types of aluminium materials. Our main products are different types of solid aluminium panels, honeycomb panels, sandwich panels & aluminium composite panels.”



Design Possibilities

Crafted to elevate and inspire your living spaces through cutting-edge, customizable parametric designs.

Parametric combines luxury with exceptional aesthetics and practicality, offering solutions that are both visually striking and highly adaptable to any environment.



Solid Panel



Perforated Panel



Parametric Laser Panel



Slicing Pattern



Kinetic

Shring Grid



Tongue & groove



Louvers



Mesh



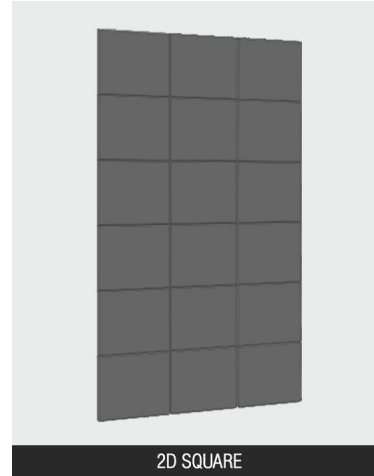
LibertyTouch



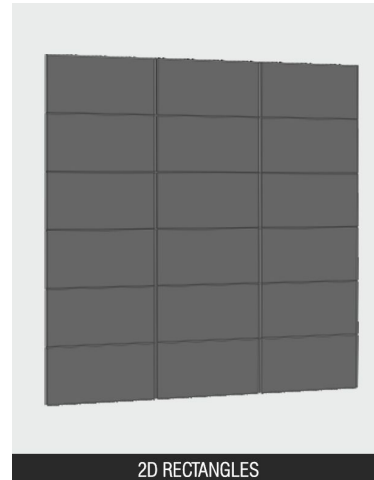
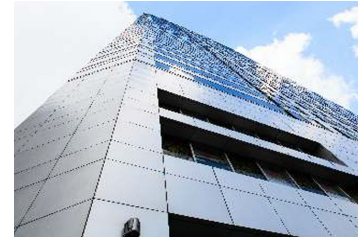
SOLID PANEL 2D & 3D

Solid Panel is an all-aluminium facade crafted from solid panels that extends the life of the building, lending it a striking finish and unique shape. This robust exterior envelops the structure in durability, while its sleek design adds a touch of elegance and sophistication.

2D SOLID PANEL



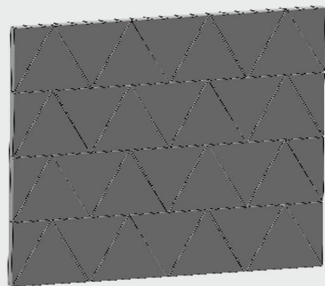
2D SQUARE



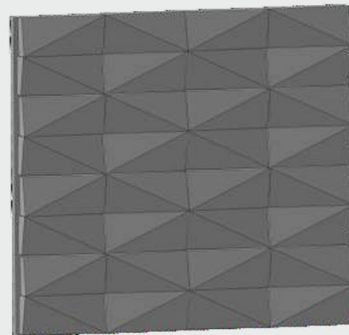
2D RECTANGLES



LibertyTouch



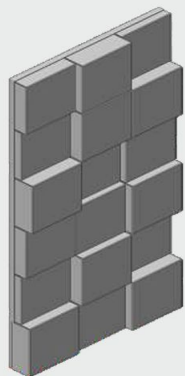
2D PYRAMID



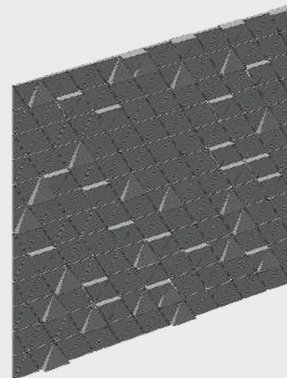
3D RECTANGLES



3D SOLID PANEL

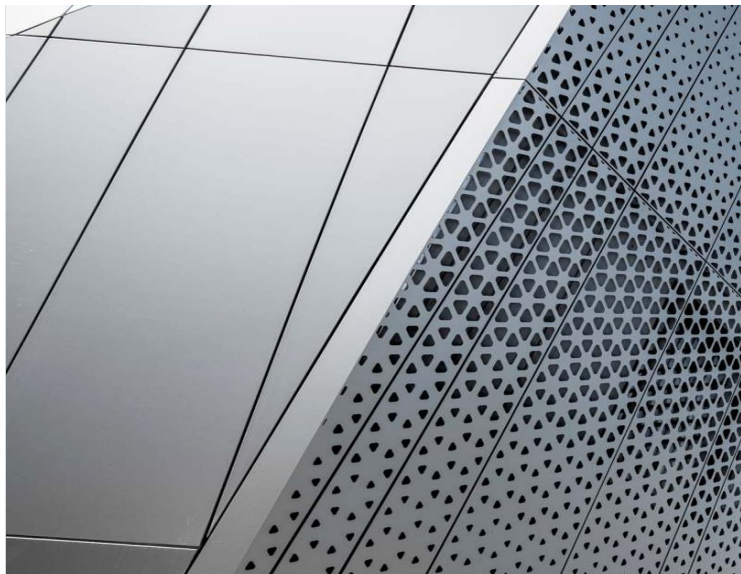


3D SQUARE



3D PYRAMID

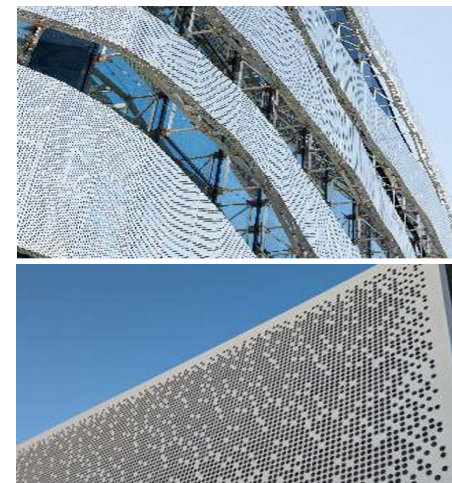
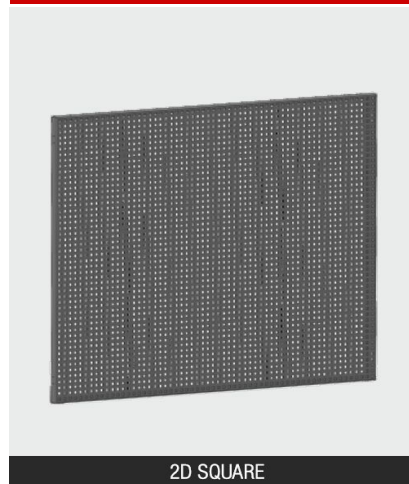




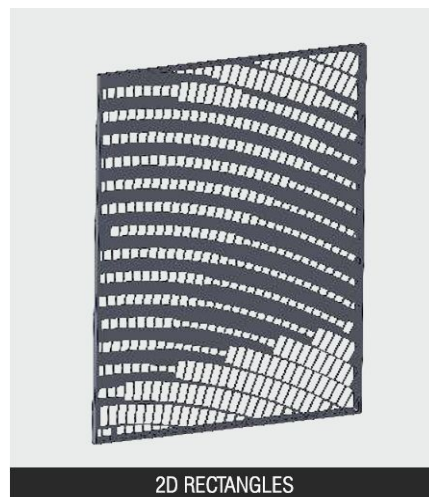
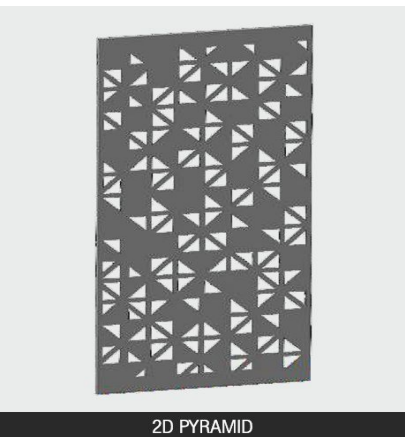
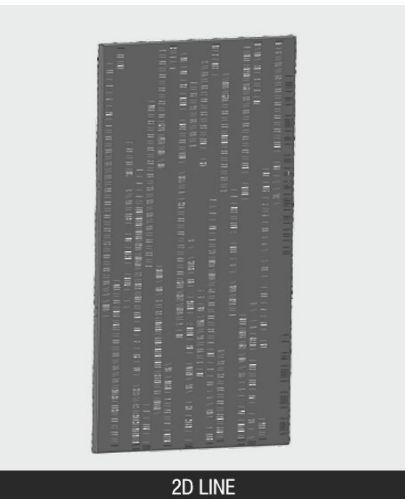
PERFORATED 2D & 3D PANEL

Perforated, a perforated system that embodies the timeless appeal of the classic pierced metal technique. Perforated not only serves as an intuitive sun shade but also enhances natural ventilation, offering a harmonious blend of functionality and aesthetics. This innovative solution sets the stage for a truly authentic experience in architectural design form and function.

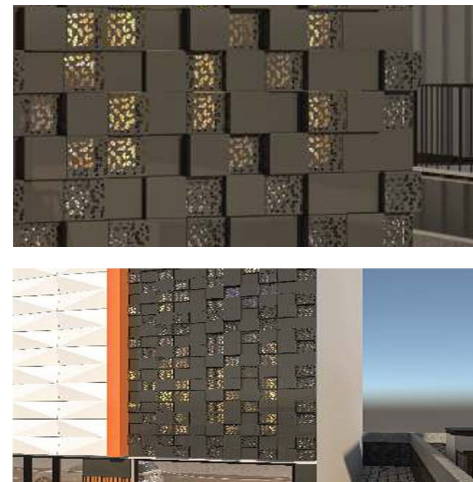
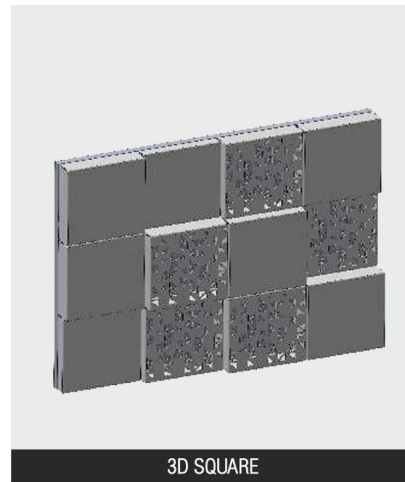
2D PERFORATED PANEL



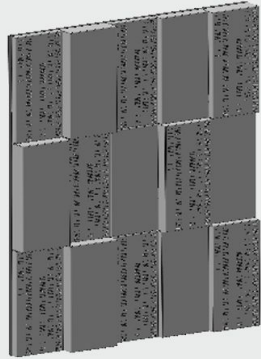
LibertyTouch



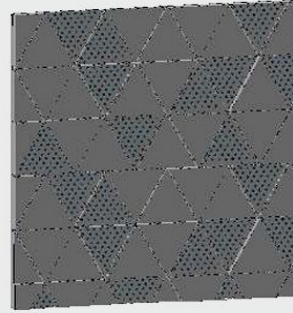
3D PERFORATED PANEL



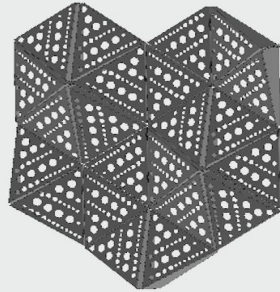
LibertyTouch



3D LINE



3D TRIANGLE

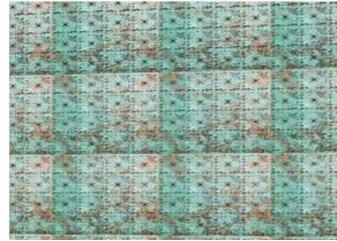
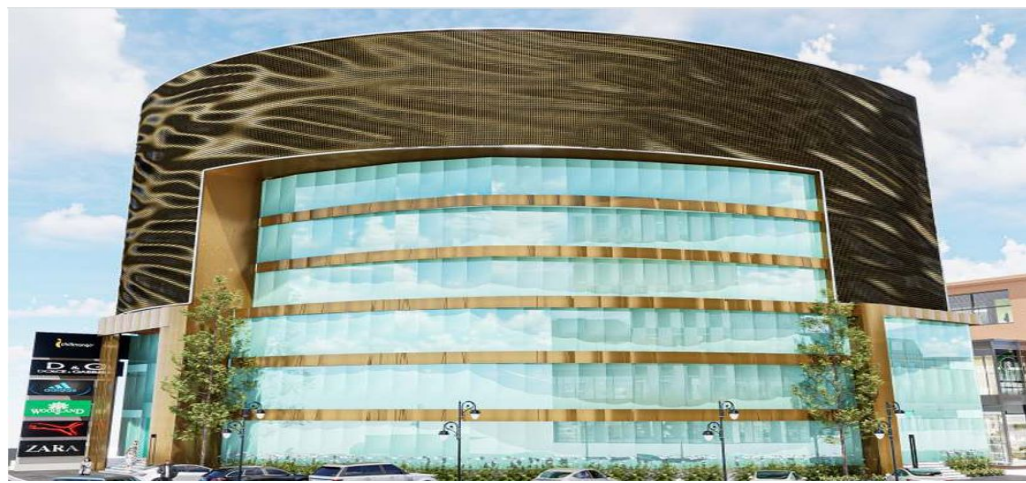
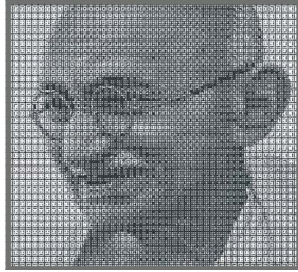
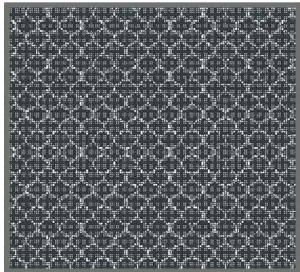
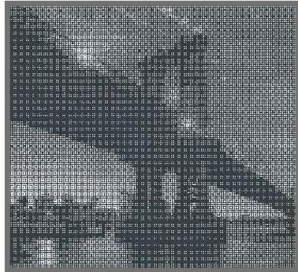
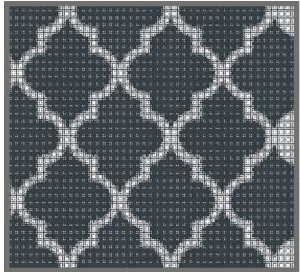
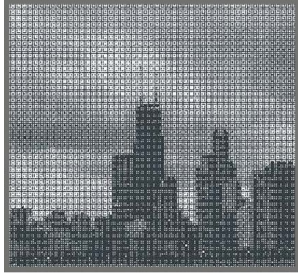
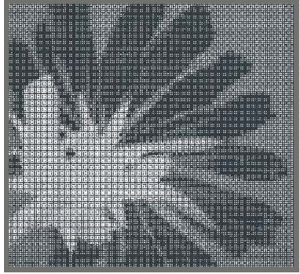


3D PYRAMID



2D CIRCULAR PERFORATION

IMAGE PERFORATED PANEL



PARAMETRIC LASER PANEL

Parametric façade refers to a design approach in architecture where the design parameters are defined by mathematical algorithms. These parameters can include the shape, size, and spatial relationships of the building components.

LibertyTouch



CIRCULAR



BLOSSOM



DIAMOND COIN



LEAF



LibertyTouch



HEXAGON



CIRCULAR PARAMETRIC

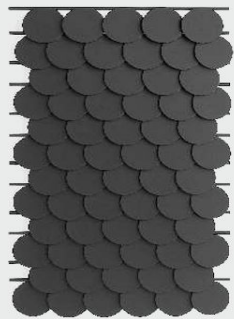


SHRING GRID 2D & PARAMETRIC

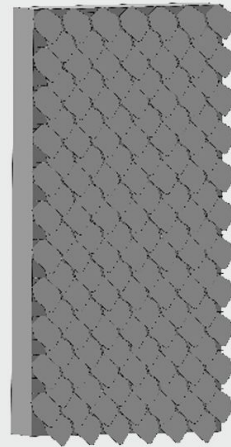
Shring Grid seamlessly interlock, creating an intelligent overlap that infuses your surfaces with a captivating third dimension. Elevate your designs with this innovative touch, transforming flat panels into dynamic and textured masterpieces.

LibertyTouch

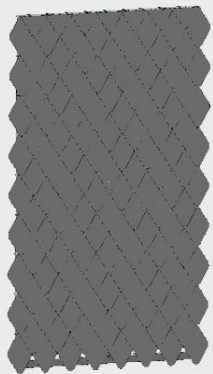
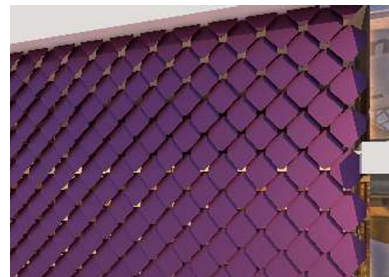
2D SHRING GRID



CIRCULAR



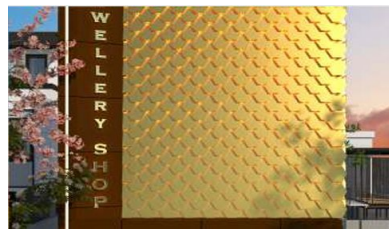
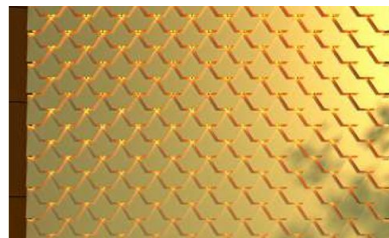
LEAF



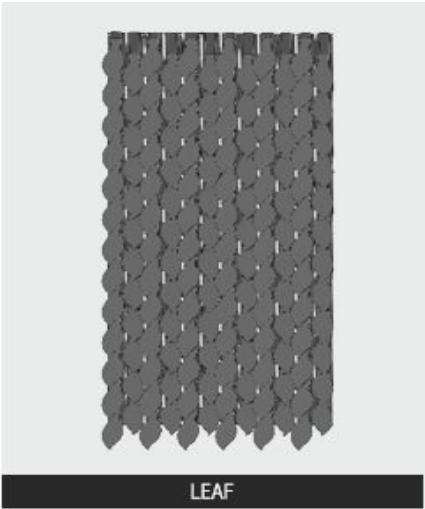
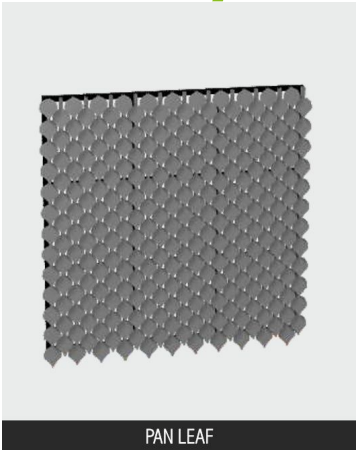
DIAMOND



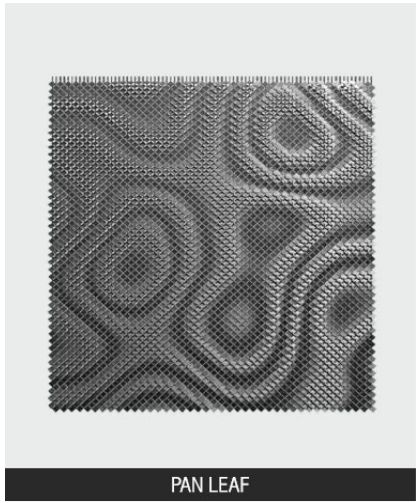
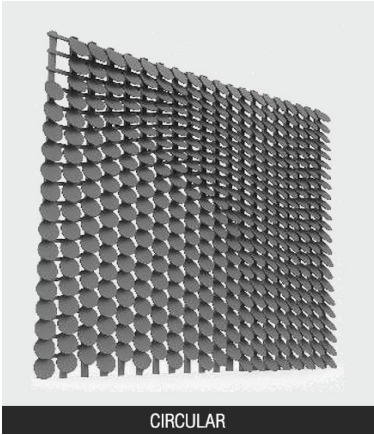
HEXAGON



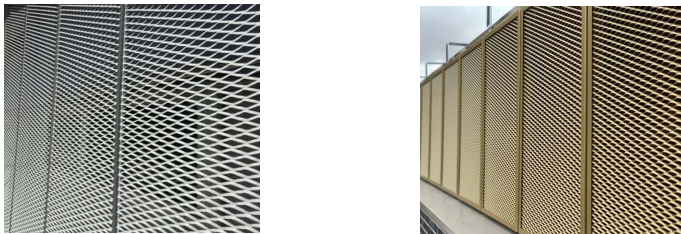
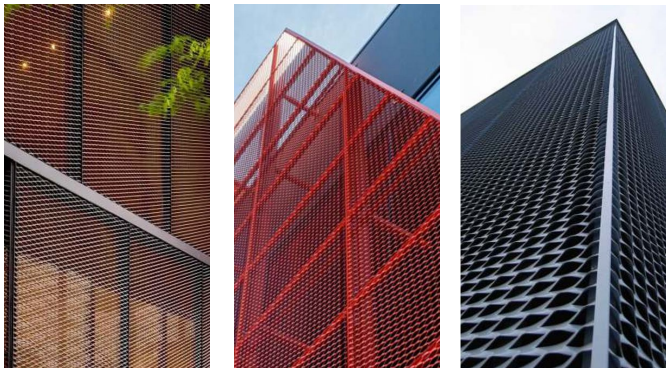
LibertyTouch



PARAMETRIC SHRING GRID

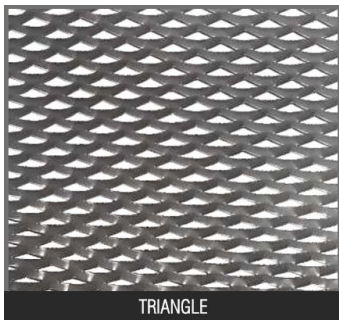


LibertyTouch

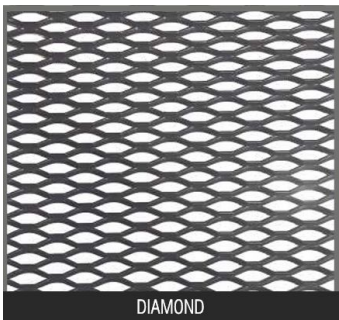


MESH SOLID METAL PANEL

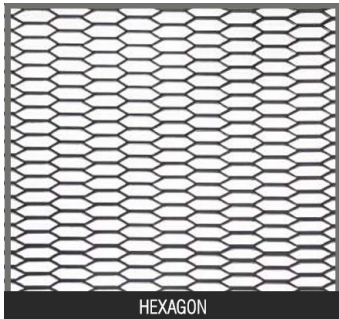
Mesh solid metal panels combine strength with transparency, offering both durability and aesthetic appeal. Ideal for modern facades, partitions, and ventilated cladding systems, these panels allow airflow while maintaining security. Their sleek, industrial look enhances architectural design with a contemporary edge.



TRIANGLE



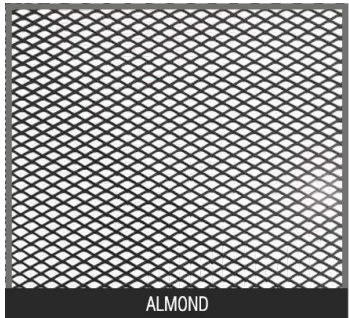
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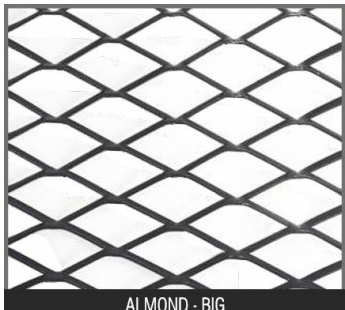
HEXAGON



CIRCULAR



ALMOND



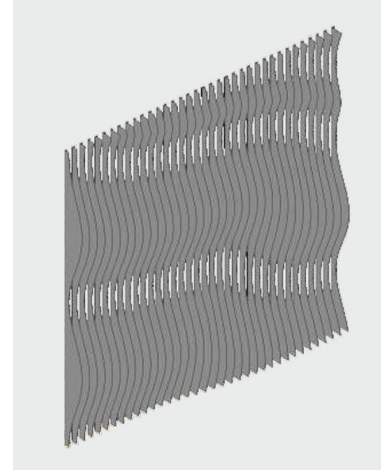
ALMOND - BIG

LibertyTouch



SILICING PATTERN

A Slicing Pattern in a solid panel façade involves creating deliberate cuts or perforations in the panel to achieve aesthetic, functional, or environmental benefits. These patterns can enhance visual appeal, allow light and ventilation, or reduce material weight while maintaining structural integrity.





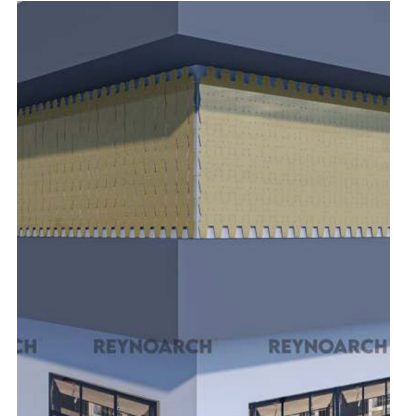
KINETIC VENTILATED & BLOCK

The kinetic facade is an example of an element within kinetic architecture and can be used to control light, air, energy and even information. Kinetic facades can among other things reduce the sun's rays penetrating the building or allow fresh air into the building, thus changing the indoor environment.

VENTILATED KINETIC FACADE



BLOCK KINETIC FACADE





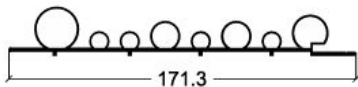
TONGUE & GROOVE

The Tongue & Groove aluminium profile system is a beautiful and versatile solution for cladding and soffit. It's made of 100% extruded architectural aluminium, easy to install, non-combustible, and weather resistant. Whether for long or short buildings, this system complements any interior or exterior design. It can be easily customized in a pre-fab facility or on-site.

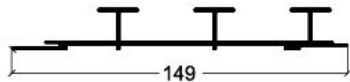
AVAILABLE DESIGN LINE ART



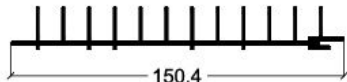
RSA - T01 Taper Face



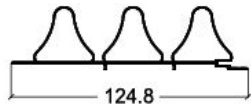
RSA - T02 Circular Face



RSA - T03 Taper Face



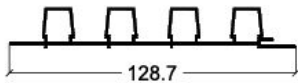
RSA - T04 I Face



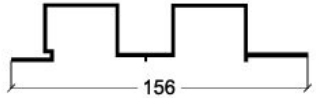
RSA - T05 Pearl Face



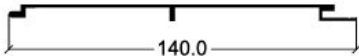
RSA - T06 Arch Face



RSA - T07 Square Taper Face



RSA - T08 Square Face

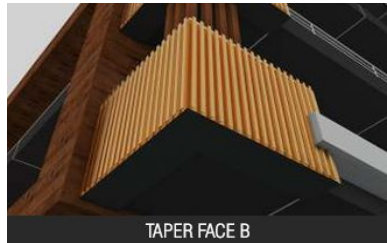
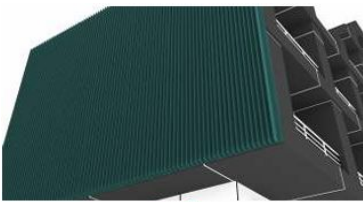


RSA - T09 Flate Face



RSA - T10 Semi Circular Face

LibertyTouch

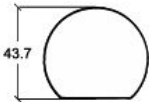




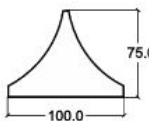
LOUVERS

Parametric Louvers reimagines the boundaries of design, shifting from conventional functionality to embrace dynamic versatility and complexity. Merging urban sophistication with architectural innovation and style, Louvers empowers you to bring your most imaginative visions to life. This product serves as a gateway to crafting diverse, transformative spaces that challenge traditional design limits. Embrace the freedom to create environments that are as functional as they are groundbreaking.

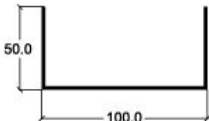
AVAILABLE DESIGN LINE ART



RSA - L01
Circular Louver



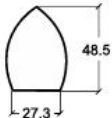
RSA - L02
Y Type Louver



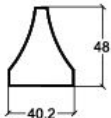
RSA - L03
C Type Louver



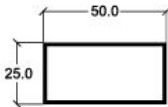
RSA - L04
Ellips Louver



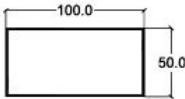
RSA - L05
Semi Ellips Louver



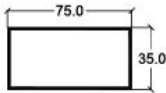
RSA - L06
V Type Louver



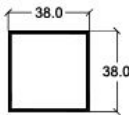
RSA - L07
25x50 Rectangular Louver



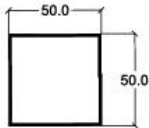
RSA - L08
50x100 Rectangular Louver



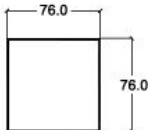
RSA - L09
35x75 Rectangular Louver



RSA - L10
38x38 Square Louver

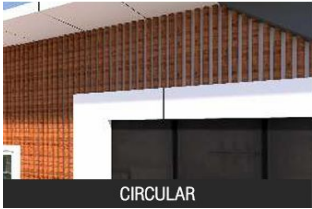


RSA - L11
50x50 Square Louver



RSA - L12
76x76 Square Louver

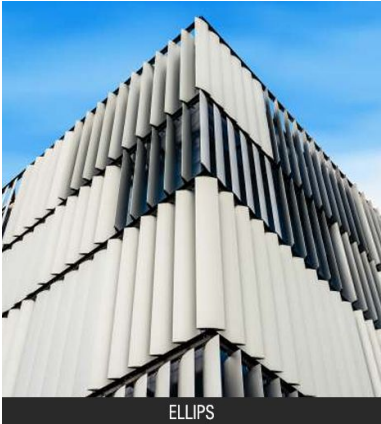
LibertyTouch



CIRCULAR



SEMI ELLIPS



ELLIPS



Y TYPE



RECTAGULAR



SQUARE



Y TYPE



METALLIC SHADES



RSP01 (Metro Gold)
Matt



RSP02 (RAL 9006)
Satin



RSP03 (Eco Grey)
Matt



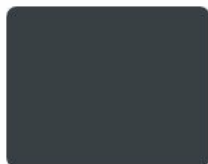
RSP04 (RAL 9007)
Satin



RSP05 (Sparkle Grey)
Fine Texture



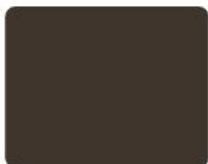
RSP06 (2900 MT Grey)
Fine Texture



RSP07 (Noir 2200 Sable)
Fine Texture



RSP08 (2500 MT Grey)
Fine Texture



RSP09 (Anodic Bronze III)
Matt



RSP10



RSP11



RSP12



RSP13 (RS Dark Grey)
Textured Metallic



RSP14 (schueco Bronze)
Textured Metallic



RSP15 (lexus Bronze)
Textured Metallic



RSP16 (orl Dark Brown)
Textured Metallic



RSP17 (Metal Ka Bronze)
Textured Metallic

SOLID SHADES



RSP101 (RAL 9016)
Satin



RSP102 (RAL 9003)
Satin



RSP103 (RAL 9010)
Satin



RSP104 (RAL 9002)
Satin



RSP105 (Champagne)
Matt



RSP106 (RAL 7035)
Satin



RSP107 (RAL 7032)
Satin



RSP108 (RAL 7037)
Satin



RSP109 (RAL 7043)
Matt



RSP110 (RAL 7015)
Matt



RSP111 (RAL 7024)
Matt



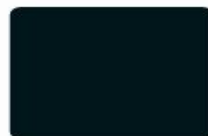
RSP112 (RAL 7022)
Satin



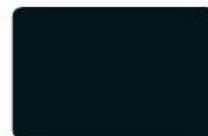
RSP113 (RAL 7016)
Satin



RSP114
Fine Texture



RSP115 (RAL 9005)
Matt



RSP116 (RAL 9005)
Fine Texture



RSP117 (RAL 8003)
Satin



RSP118 (RAL 8016)
Matt



RSP119 (RAL 9016)
Satin



RSP120 (RAL 9003)
Satin



RSP121 (RAL 9010)
Satin



RSP122 (RAL 7035)
Matt



RSP123 (RAL 7043)
Matt

BONDED METALLIC *SHADES*



RSP201 (Soft Silver)
Matt



RSP202 (Steel Blue
Platinum) Matt



RSP203 (Steel Blue Grey
715) Matt



RSP204 (Silver Champagne)
Matt



RSP205 (Gold Splendor)
Matt



RSP206 (Steel Bronze-1)
Matt



RSP207 (Golden Beach)
Matt



RSP208 (Golden Bronze)
Satin

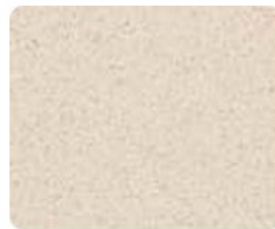


RSP209 (RAL 9006)
Satin (Dry Blended Metallic)

STONE SHADES



RSP301 (White Stone)



RSP302 (Portland Stone)



RSP303 (Red Brick)



RSP304 (Sandstone)



RSP305 (Limestone)



RSP306 (Light Grey
Natural Concrete)



RSP307 (Dark Grey
Natural Concrete)

WOODEN *SHADES*



RSP401 (Pine Tree)



RSP402 (Kentucky Cherry)



RSP403 (Sand Teak)



RSP404 (Pear Tree)



RSP405 (Atlantic Beige)



RSP406 (Walnut)



RSP407 (Flamed Walnut)



SOLID ALUMINIUM - SHADES

Technical Properties	Standards	Coil-Coated
Alloy	EN 573-3	EN AW, 1100,3003, 5005
Temper	EN 515	H14
Standard Length	EN 485-4	12X4 Feet Maximum Processing Size
Density		2.78 kg/ metre cube
Tensil Strength	EN 1396	140-186MPa
0.2% Proof Stress	EN 1396	≥110
Elongation	EN 1396	Aso ≥5%
Linear Expansion	EN 19991-1	2.4mm/m at 100°C temperature difference
Surface		HDP coating, PVDF coating, Sublimation coating
Gloss	EN 13523-2	25-45GU*
Coating Thickness**	EN 13523-1	45-65 mictons
Fire Classification	EN 13501-1	A1
Electrical Resistivity		70.7μΩ.m @20°C
Electrical Conductivity		67 MS/m @20°C
Sound Absorption		0.05 NCR
Sound Reflection		95%

