



NEW YORK

FACADES REACH FOR THE SKY



Complex Sportif
St. Dame

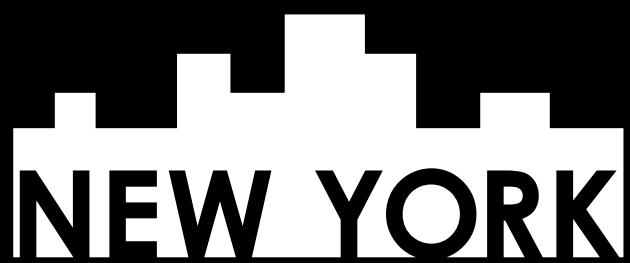
SUMMARY

NEW YORK

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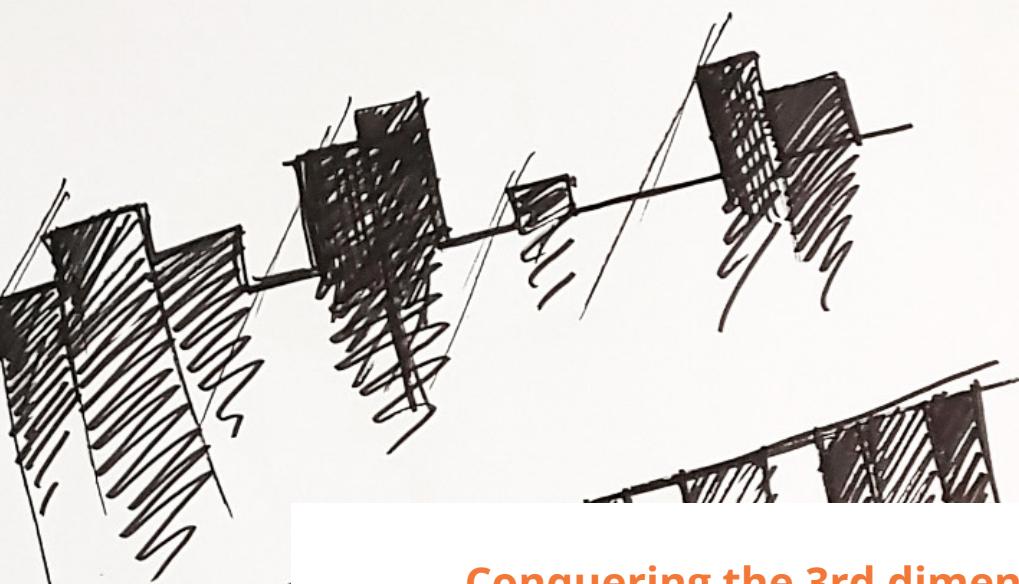
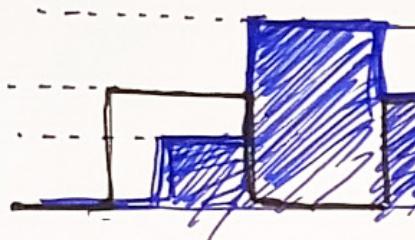




NEW YORK RANGE

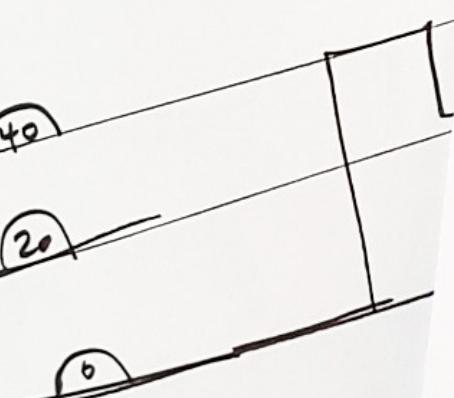
NEW YORK

Facades reach for the sky



Conquering the 3rd dimension!

Like the famous skyline, for the first time, the NEW YORK range plays with rib depth, letting the shadows do the work. The profiles of these visually impressive designs offer three unique signatures and, above all, provide an endless number of combinations.



MANHATTAN



BROOKLYN



QUEENS



3 Profiles = 3 QUARTERS

3 NIVEAUX

MINI 20x20 !

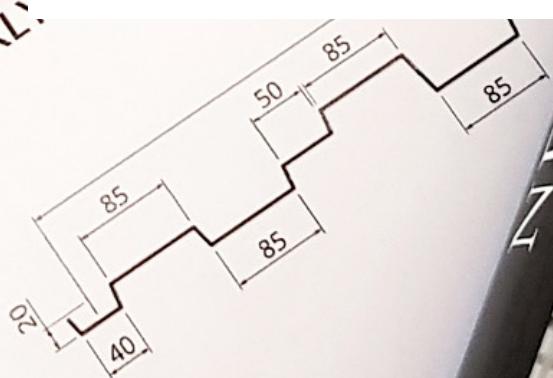
Marker® Finel Medium

05/08/2010

Always very easy to install

Designed according to traditional steel cladding installation rules, NEW YORK panels are as easy to install as a classical profile. New or renovation, they adapt naturally to all types of systems and projects.

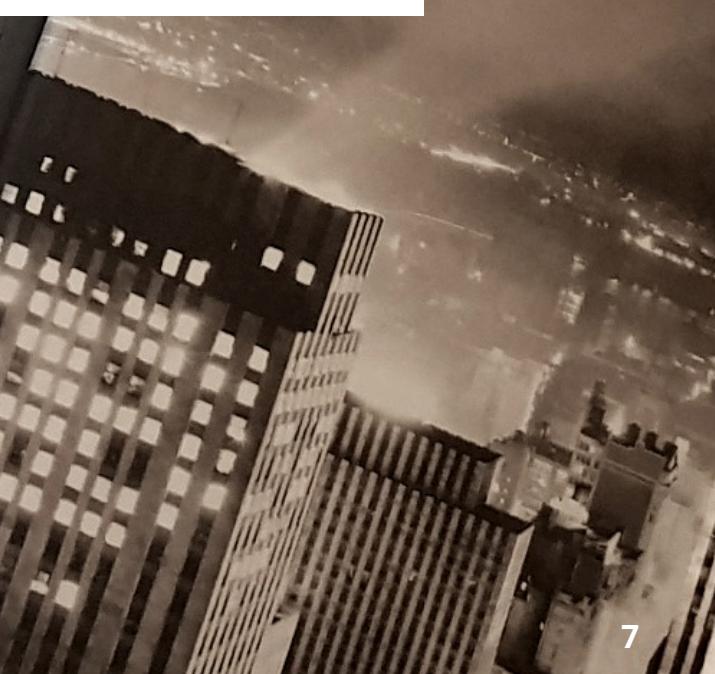
BROOKLYN



Valeurs de calcul

Épaisseur nominale : 0,7
Géométrie

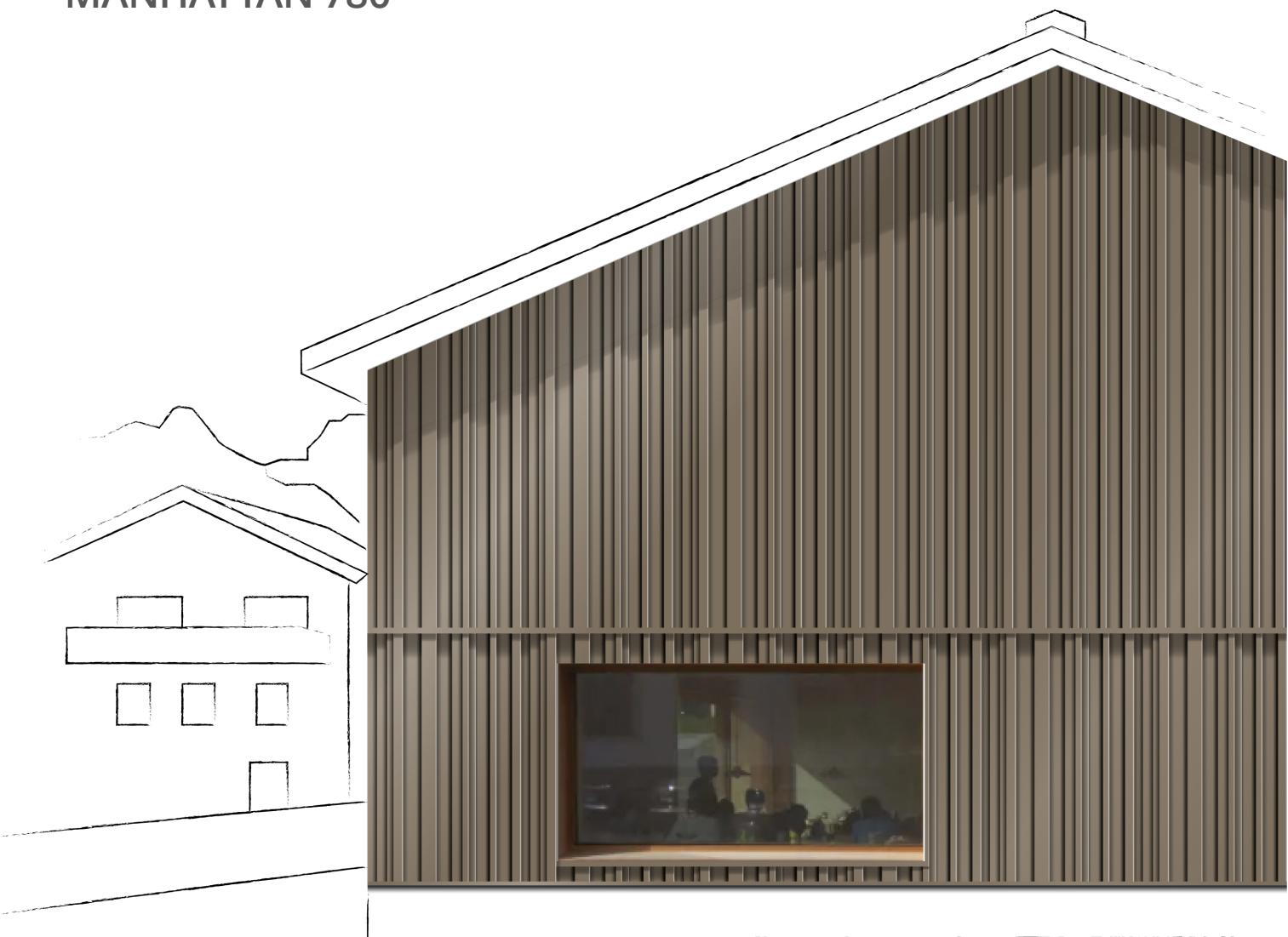
NEW YORK





THE PROFILES

MANHATTAN 780



PROFILE MANHATTAN 780

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.75	9.40

Coating	Norm
Hot dip Galvanized	NF EN 10346
Polyester 35µ THD	Coil coating EN 10169
Polyurethane 50µ	Coil coating EN 10169
Post-coating 60µ	
Other coating	Upon request

Profile height : 60 mm

Sheets length : 8000mm maximum

REGISTERED
DESIGNS

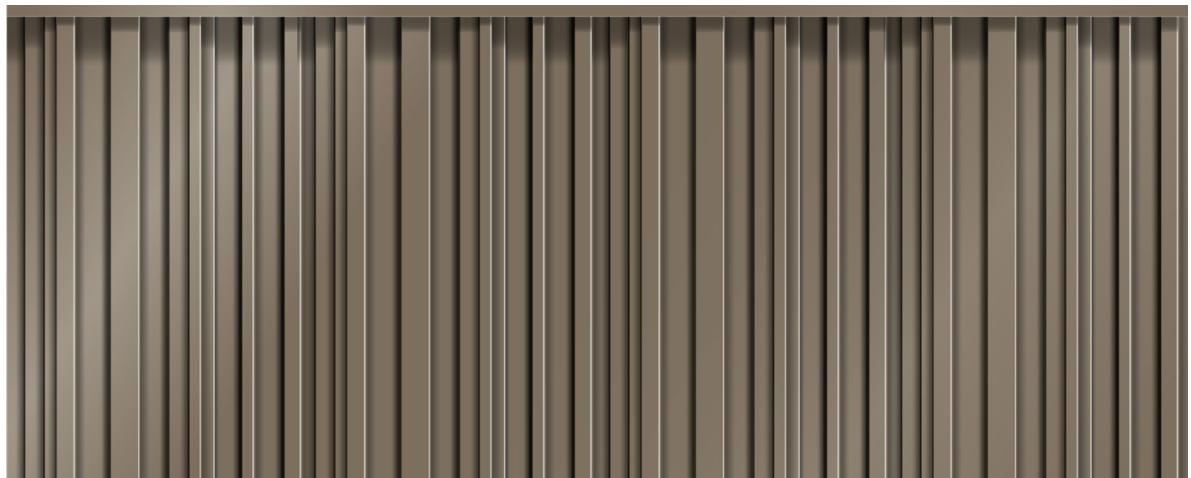
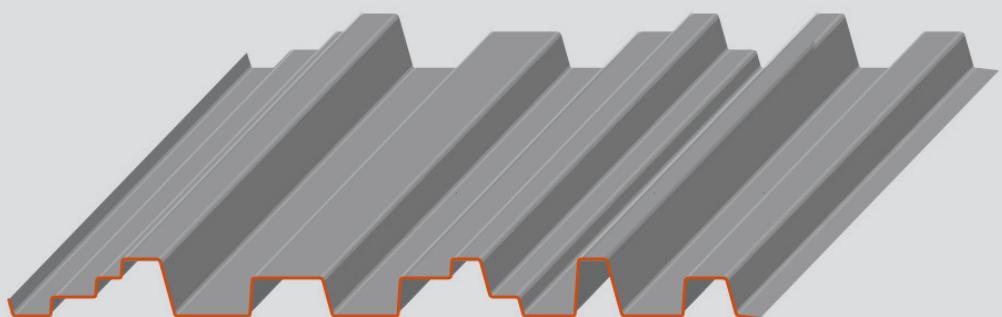
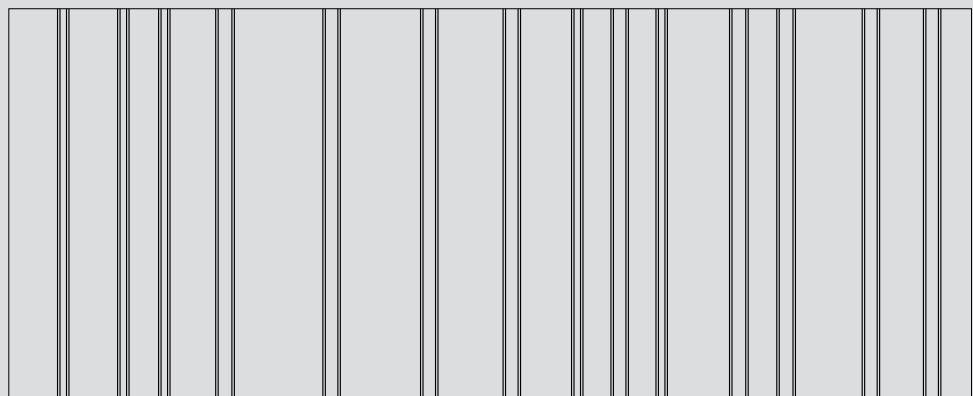
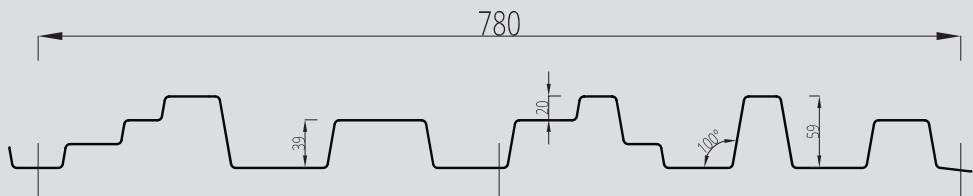
30-YEAR WARRANTY
FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE

MANHATTAN 780





BROOKLYN 950



PROFILE BROOKLYN 950

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.75	7.71

Coating	Norm
Hot dip Galvanized	NF EN 10346
Polyester 35µ THD	Coil coating EN 10169
Polyurethane 50µ	Coil coating EN 10169
Post-coating 60µ	
Other coating	Upon request

Profile height : 40 mm

Sheets length : 8000mm maximum

REGISTERED
DESIGNS

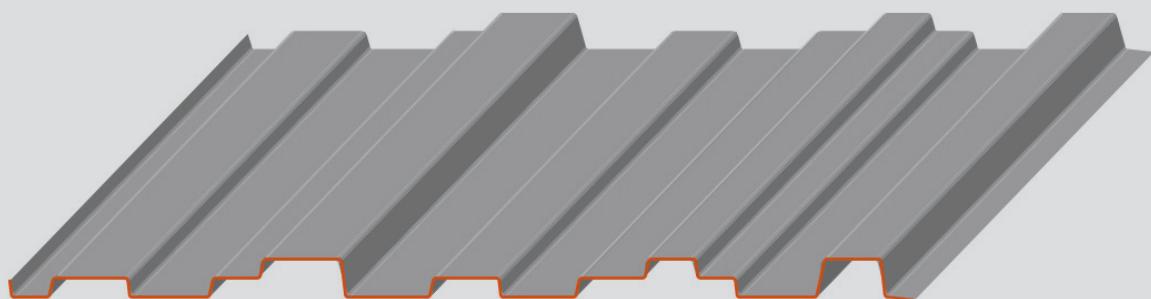
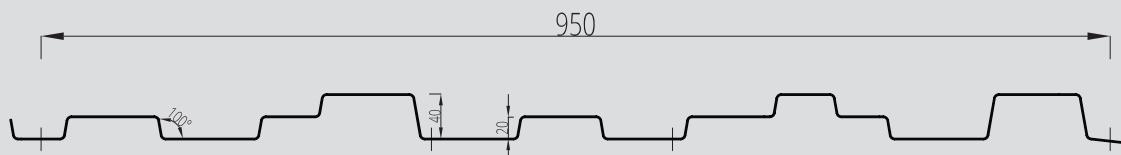
30-YEAR WARRANTY
FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE

BROOKLYN 950





QUEENS 980



PROFILE QUEENS 980

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.75	7.48

Coating	Norm
Hot dip Galvanized	NF EN 10346
Polyester 35µ THD	Coil coating EN 10169
Polyurethane 50µ	Coil coating EN 10169
Post-coating 60µ	
Other coating	Upon request

Profile height : 20 mm

Sheets length : 8000mm maximum

REGISTERED
DESIGNS

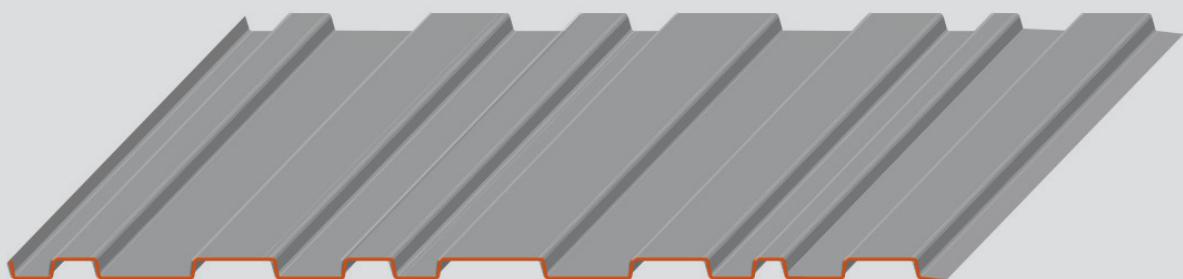
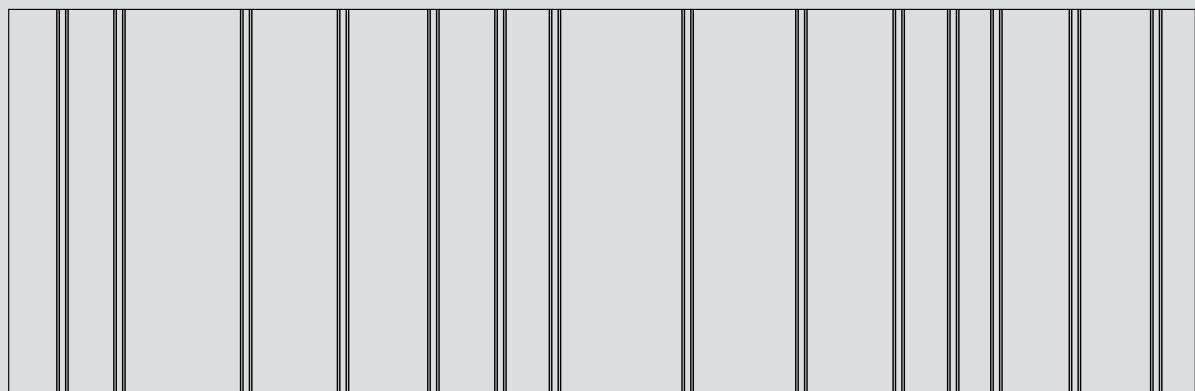
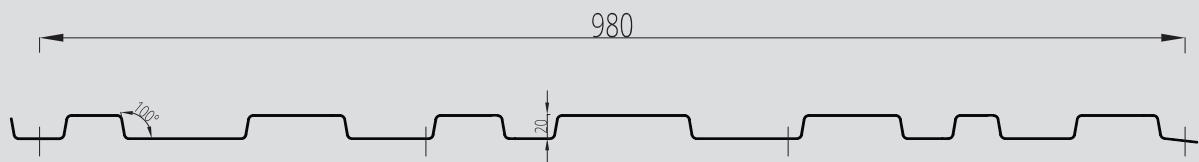
30-YEAR WARRANTY
FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE

QUEENS 980



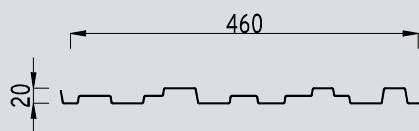
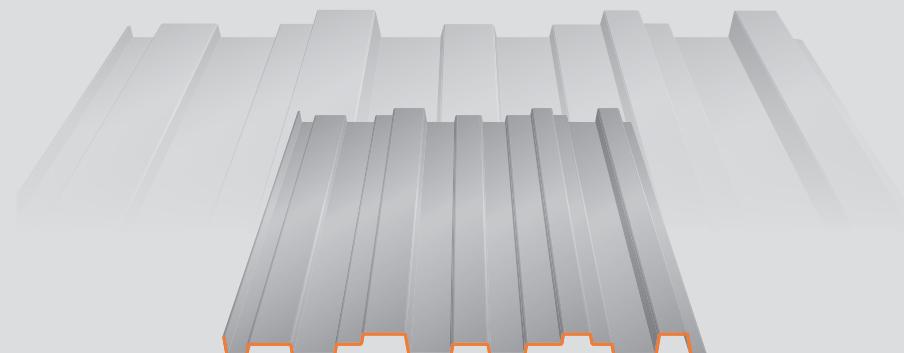


THE PROFILES

BROOKLYN MINI 460

Toys

THE WORLD OF  AT **1/2** SCALE



PROFILE BROOKLYN MINI 460

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.63	6.50

Coating	Norm
Hot dip Galvanized	NF EN 10346
Polyester 35µ THD	Coil coating EN 10169
Polyurethane 50µ	Coil coating EN 10169
Post-coating 60µ	
Other coating	Upon request

Profile height : 20 mm

Sheets length : 6000mm maximum

REGISTERED
DESIGNS

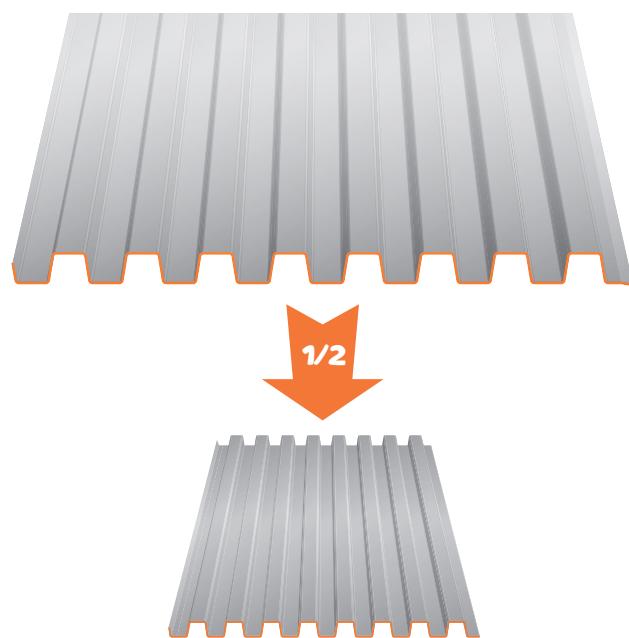
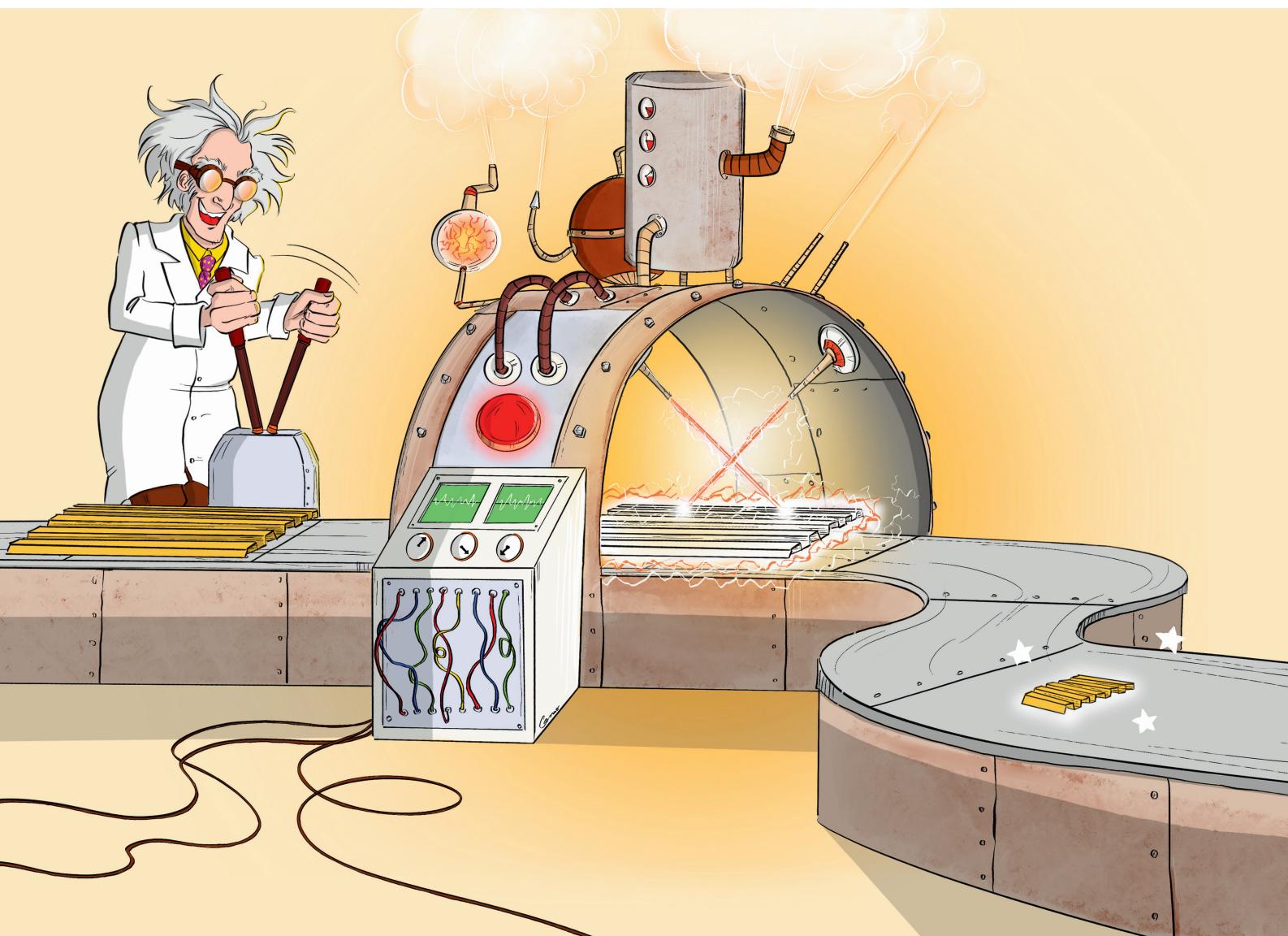
30-YEAR WARRANTY
FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

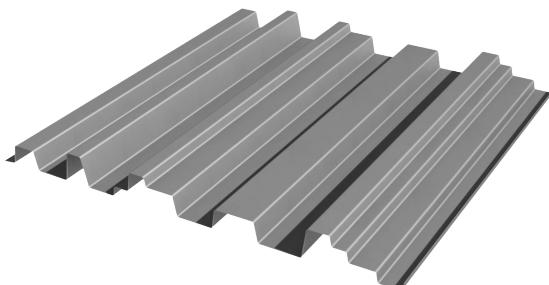
DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE

OUR ICONIC PROFILES
SCALLED DOWN TO **Mini®**





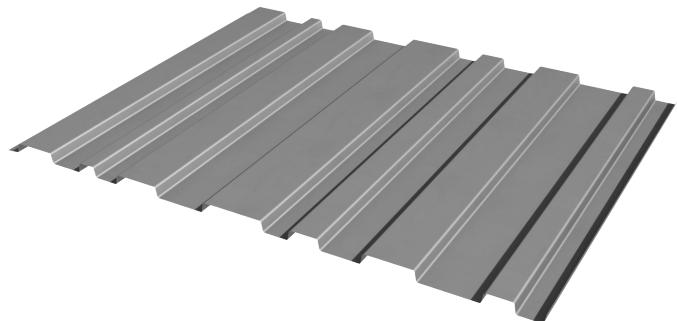
THE PROFILES



MANHATTAN 780
Profile height 60 mm

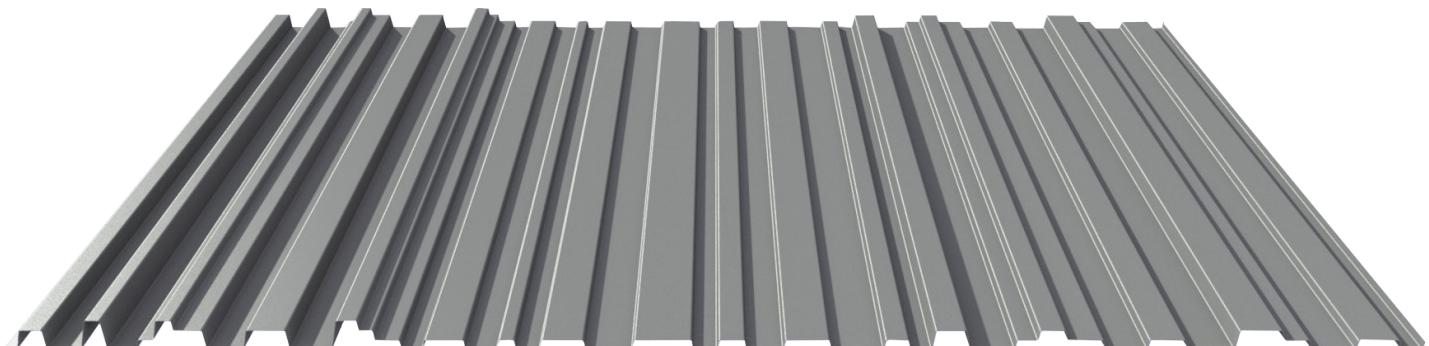


BROOKLYN 950
Profile height 40 mm



QUEENS 980
Profile height 20 mm

Create your own pattern **by mixing the three different profiles** with their different heights.



LOAD CAPACITIES

SPAN TABLES IN DAN/M², ACCORDING TO WIND LOAD

Limit deflection criterion taken into account: 1/150th according to French professional recommendations (RAGE) under wind load calculated as per NF EN 1991-1-4

Nominal thicknesses in mm

PRESSURE		Span (m)	SUCTION	
2 supports	3 supports		2 supports	3 supports
183	300	1.50	155	298
151	264	1.60	128	246
126	233	1.70	106	205
106	204	1.80	90	173
98	188	1.85	83	159
90	174	1.90	76	147
83	161	1.95	71	136
77	149	2.00	65	126
72	138	2.05	61	117
67	129	2.10	56	109
62	120	2.15	53	101

Basé sur les calculs de la table Queens

The NEW-YORK range metal sheets are non-structural sheets according to standard NF EN 14782:2006, as per RAGE Professional Recommendations for Cladding of July 2014, not intended to receive PPE anchoring devices according to EN 795 standard or lifelines.



Calculation according to Eurocode III Part 1.3 (EN-1993)

Technical information obtained according to installation requirements for metal cladding from July 2014.

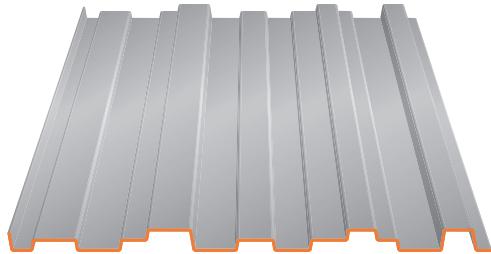
Seismic validation: CSTB DCC/CLC_12_229_1 study report of 02/25/2013





THE PROFILES

Toys



BROOKLYN MINI 460
Profile height 20 mm

LOAD CAPACITIES

SPAN TABLES IN DAN/M², ACCORDING TO WIND LOAD

Limit deflection criterion taken into account: 1/150th according to French professional recommendations (RAGE) under wind load calculated as per NF EN 1991-1-4

PRESSURE			Span (m)	SUCTION		
2 supports	3 supports	4 supp. & +		2 supports	3 supports	4 supp. & +
476	476	488	1.0	507	418	428
358	397	407	1.2	293	349	357
225	340	349	1.4	185	299	298
151	298	245	1.6	124	261	199
106	239	172	1.8	87	193	140
77	174	125	2.0	63	140	102
58	131	94	2.2	48	106	77
45	101	73	2.4	37	81	59
35	79	57	2.6	29	64	46
28	63	46	2.8	23	51	37
23	52	37	3.0	19	42	30

The TOYS range metal sheets are non-structural sheets according to standard NF EN 14782:2006, as per RAGE Professional Recommendations for Cladding of July 2014, not intended to receive PPE anchoring devices according to EN 795 standard or lifelines.

Test report n°R134294023-001-1



Test performed according to norm NF P 34-503-1 and interpretation according to interpretation as per Annexes E and N of the RAGE French professional recommendations

Technical information obtained according to installation requirements for metal cladding from July 2014.

Seismic validation: CSTB DCC/CLC_12_229_1 study report of 02/25/2013



INSTALLATION

FIXING THE PANELS

With simplicity in mind, the rhythms of the NEW-YORK range should not be broken by prominent screws. It is advisable to choose the most discreet models offered by manufacturers. Here are some examples particularly well suited to the task.

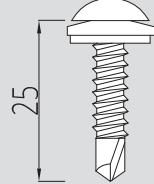
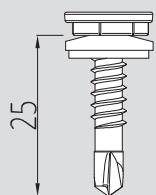
FIXING ON METAL FRAME



S TET SCREW
5.5X25



BEL VIS SCREW
5.5X25



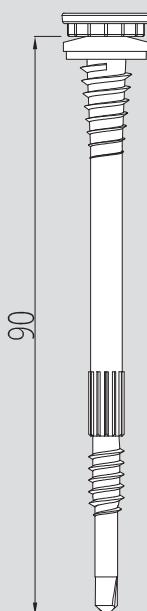
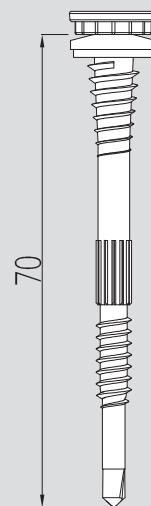
FIXING FOR DOUBLE-SKIN CLADDING



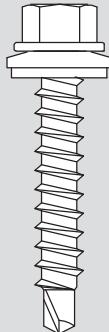
S TET SCREW
5.5X70



S TET SCREW
5.5X90



FIXING ON TIMBER FRAME

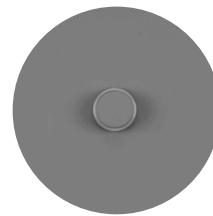


COLORVIS WOOD
6.3X35 MINI



Available in the RAL color
of your choice

S TET SCREW HEAD



BEL VIS SCREW HEAD

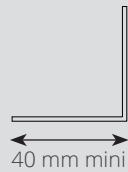


NEW-YORK range screws are a visible part of the façade.

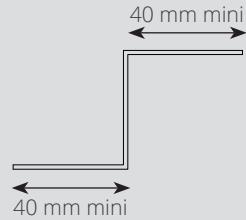
As well as complying with standards, particular care must be taken to ensure that it looks good. The shape of the screw head and its colour can be adapted to each building.

SECONDARY FRAMING

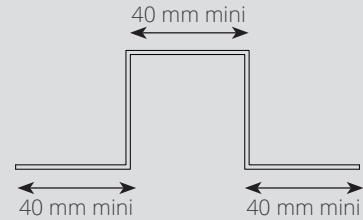
Metal framing «L»



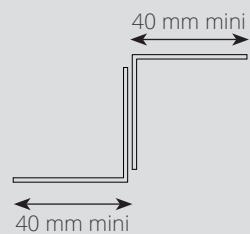
Metal framing «Z»



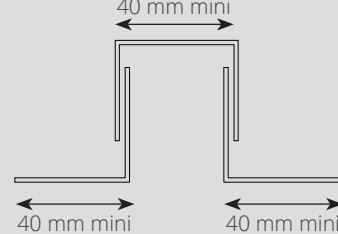
Metal framing «Ω»



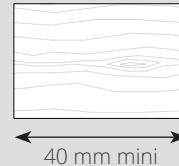
Ajustable metal framing «Z»



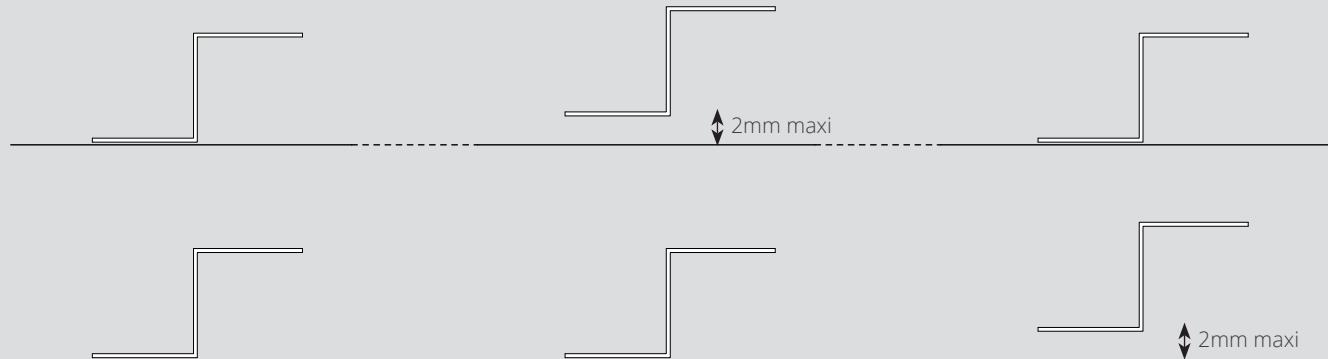
Ajustable metal framing «Ω»



Timber frame



FLATNESS OF SUPPORT



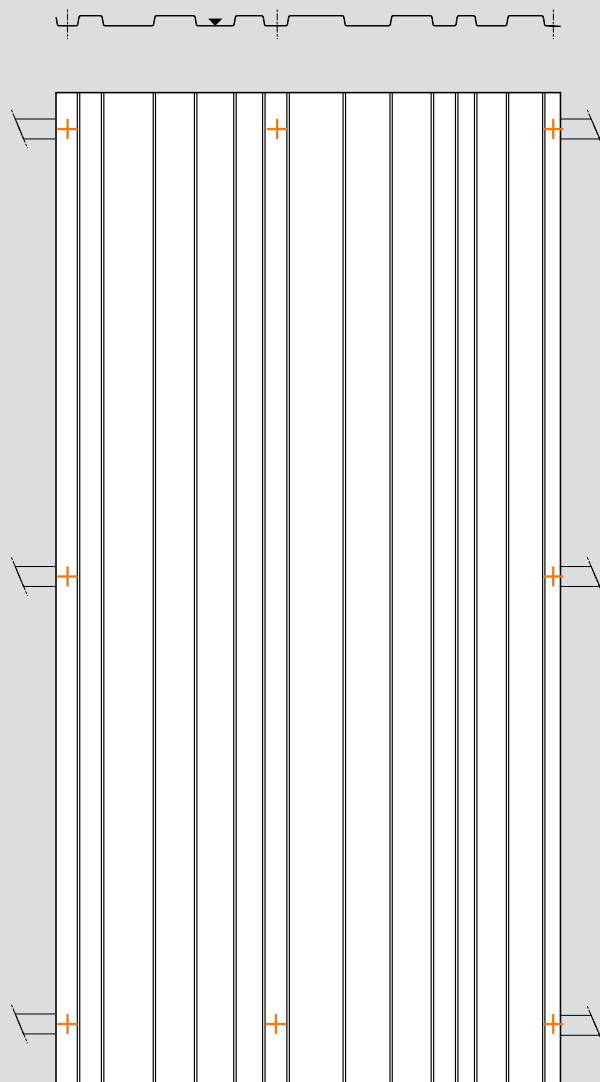
The secondary framing elements must be sized by the installation company. Metal framing should be at least 1.5mm thick.

The flatness of the support is essential when installing the panels.

Regardless of the type of secondary framework chosen (metal or wood), it must comply with a maximum permissible co-planarity of 2mm over three supports.



QUEENS 980

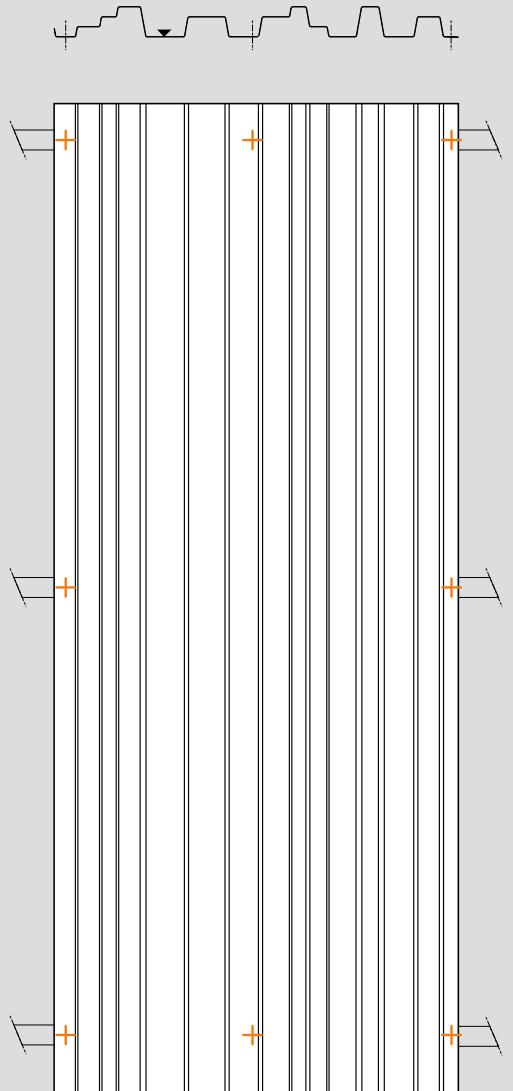
**SCREWING PATTERN FOR NEW-YORK PANELS**

ATELIERS 3S offers you, for each panel model, a technical optimization with minimal aesthetic impact. By placing the screws as close as possible to the ribs, they are concealed by the shadow of the wave and are more discreet.

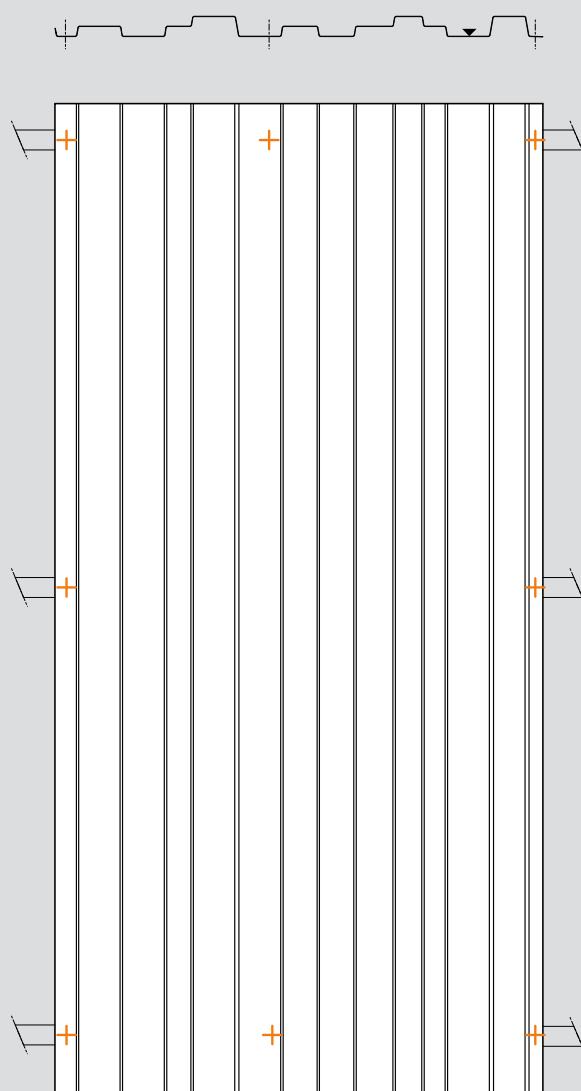
Particular attention must be paid to the tightening torque of screws located in flat areas to avoid any deformation of the facing.

When the different types of profile are mixed on the same façade, as far as possible put all the screws on the same side of the central rib, to ensure visual uniformity.

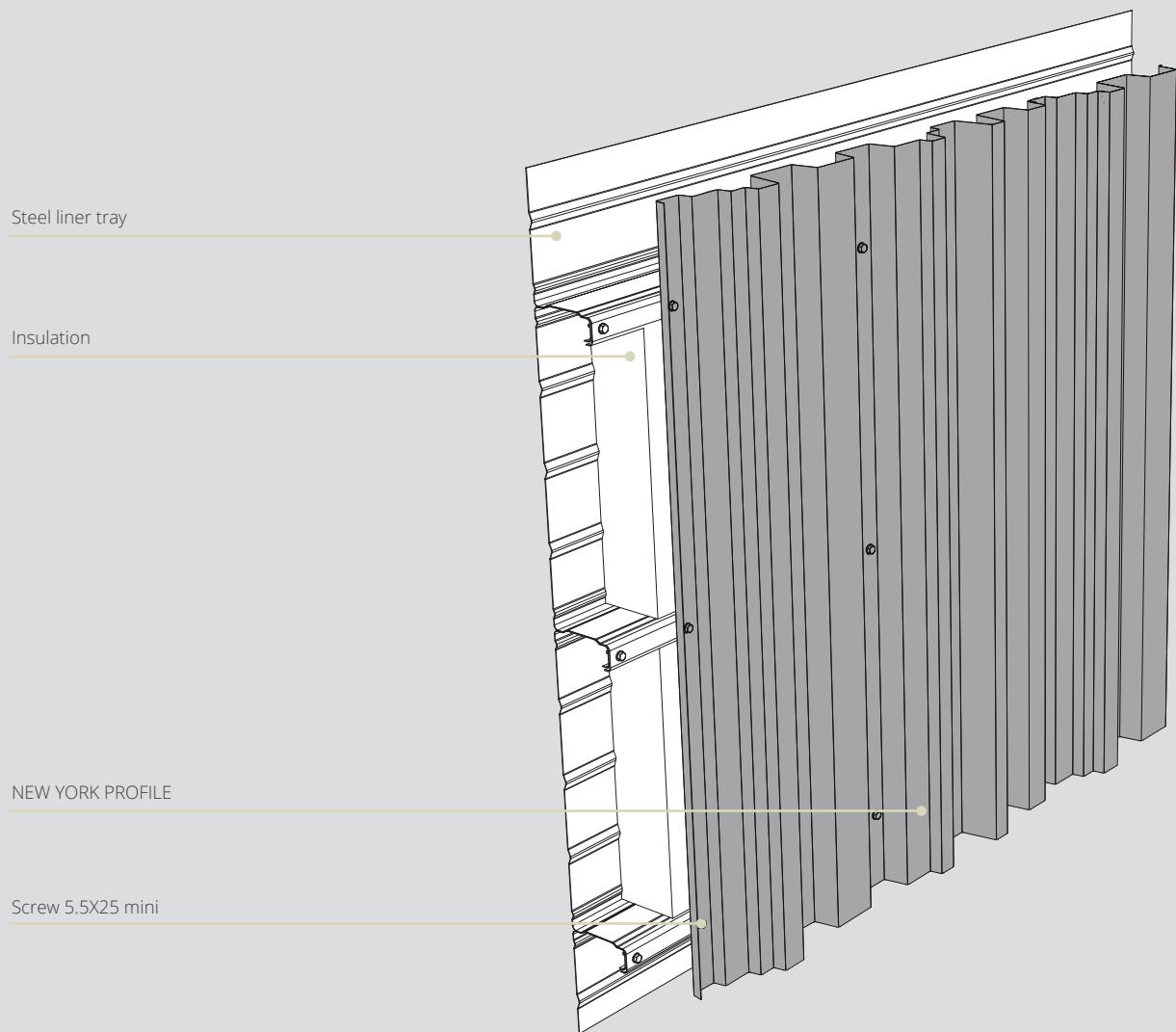
MANHATTAN 780



BROOKLYN 950



DOUBLE-SKIN INSTALLATION



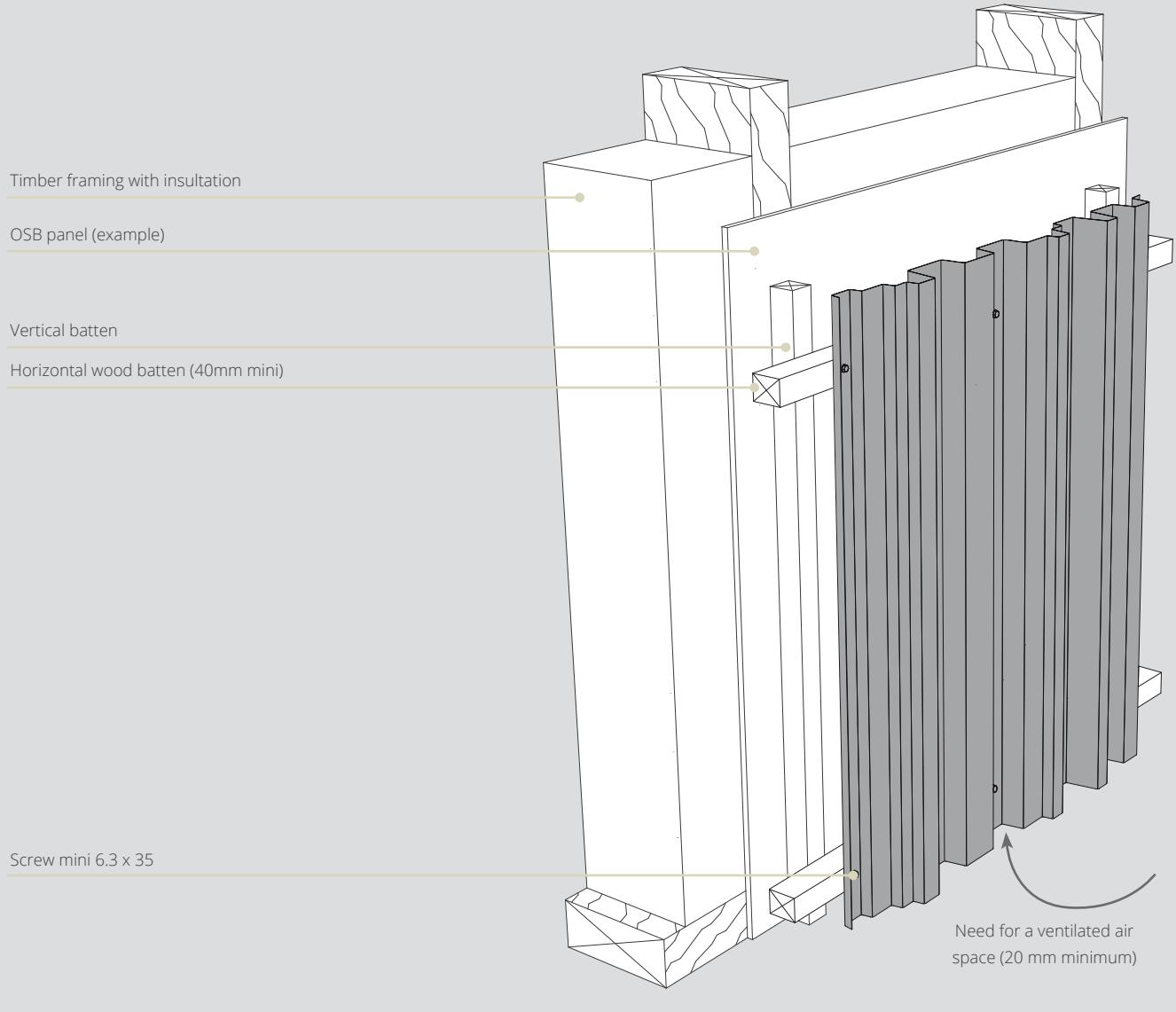
BUIDINGS WITH METAL FRAMING

NEW-YORK is a traditional cladding system installed in accordance with the RAGE rules (French steel cladding installation recommendations). It is perfectly suited to double-skin installation.

The flatness of the support is very important for a quality finish, and an adjustable secondary framework is recommended for horizontal installation.

The sheets should be fixed in accordance with RAGE recommendations, using the appropriate screws and bolts according to the type of building.

TIMBER-FRAMED WALLS



TIMBER-FRAMED WALLS

The framework and its installation must comply with Cahier CSTB 3316.

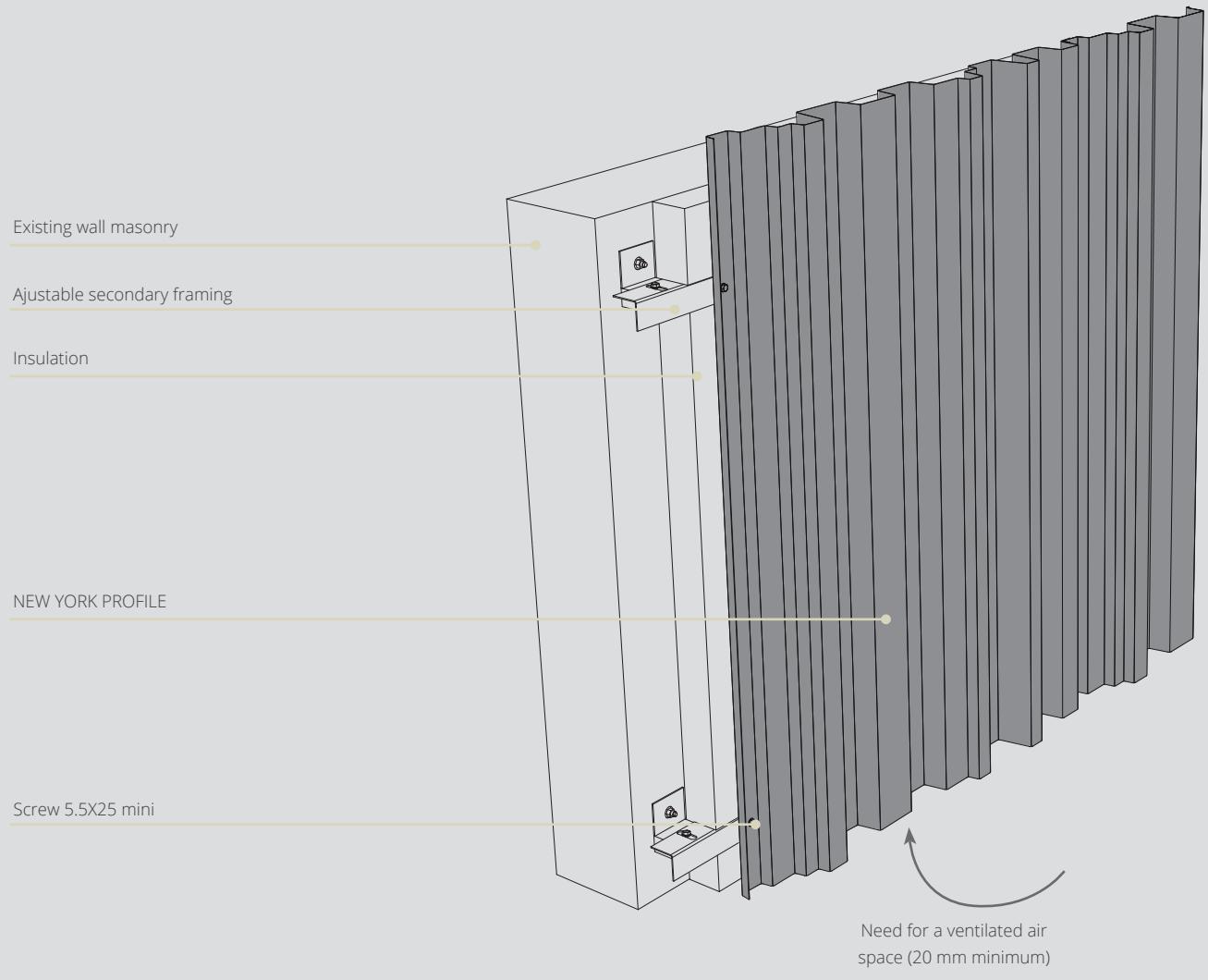
In the case of a timber frame, a ventilated air space must be provided.

NEW-YORK cladding complies with RAGE rules and does not require an additional rain screen.

The flatness of the support is very important for a quality finish, and an adjustable secondary framework is recommended for horizontal installation.

The sheets should be fixed in accordance with RAGE recommendations, using the appropriate screws and bolts according to the type of building.

EXTERNAL WALL INSULATION (EWI) ON MASONRY WALLS WITH METAL FRAMING



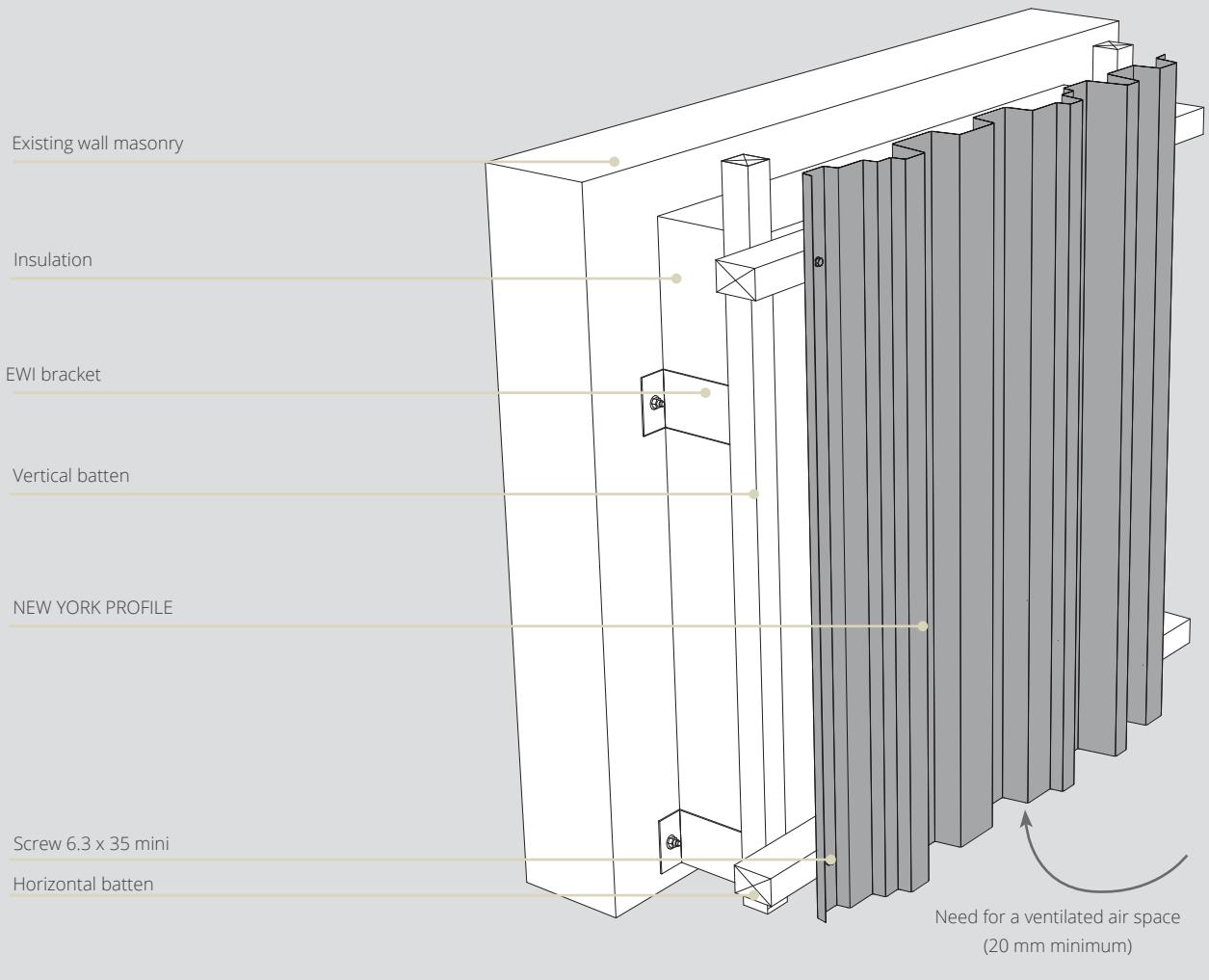
EXTERNAL WALL INSULATION RENOVATION

The NEW-YORK range can be used in the construction or renovation of buildings with external wall insulation (EWI), as all the profiles in the range are suitable for this type of installation.

The framework and its installation must comply with CSTB Specification 3194. Load-bearing profiles must be fitted at the top and bottom of the cladding, and must be sized accordingly.

The flatness of the support is very important for a quality finish, and an adjustable secondary framework is recommended.

EXTERNAL WALL INSULATION (EWI) ON MASONRY WALLS WITH TIMBER FRAMING



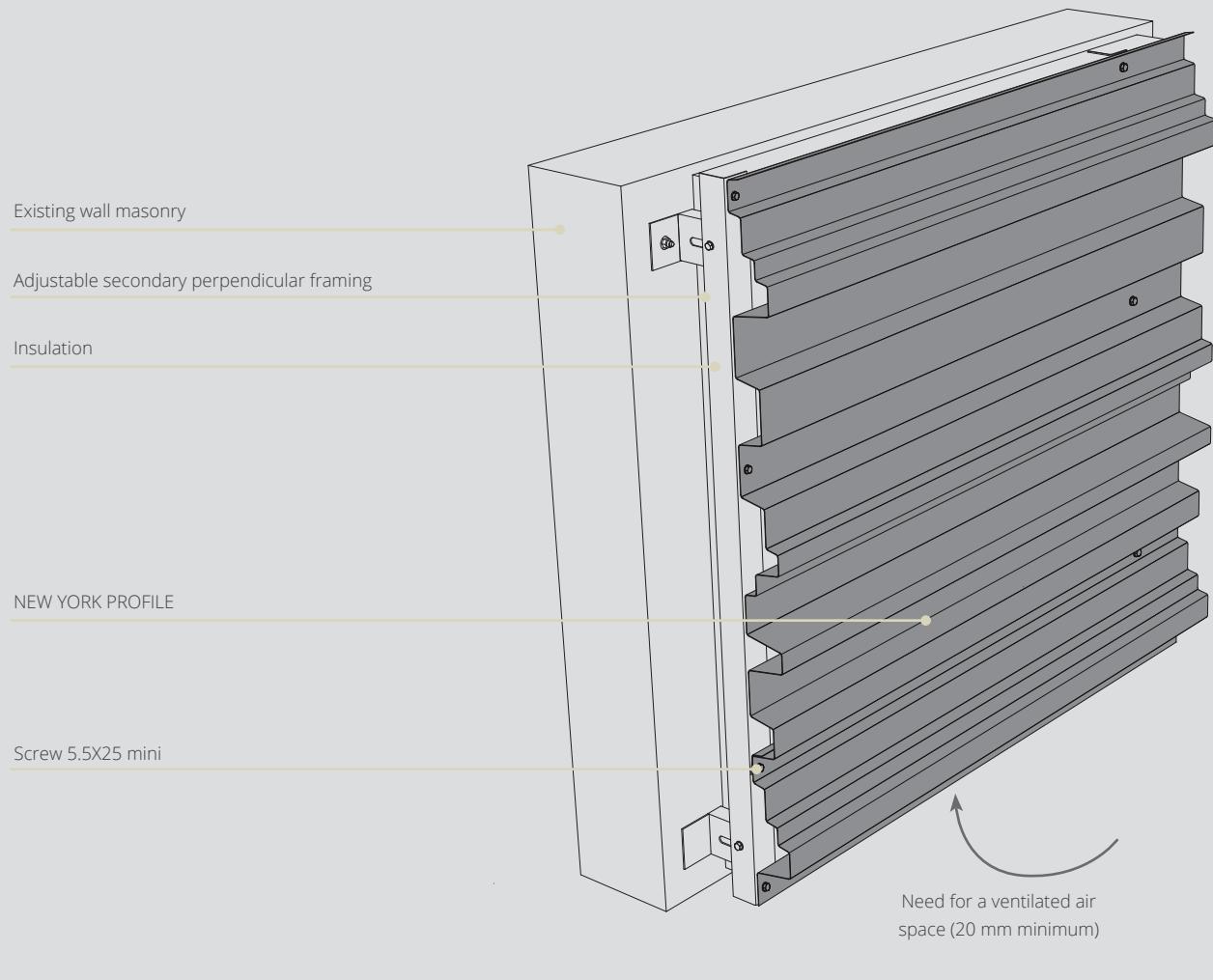
EXTERNAL WALL INSULATION RENOVATION

The flatness of the support is very important. Adjustable brackets for a quality finish, and an adjustable secondary framework is recommended.

The adjustable angle brackets ensure that the framework is perfectly flat.

The framework and its installation comply with CSTB Specification 3316.

EXTERNAL WALL INSULATION (EWI) ON MASONRY WALLS WITH METAL FRAMING / HORIZONTAL APPLICATION



HORIZONTAL INSTALLATION

NEW-YORK range like any classical steel wall cladding can be installed horizontally.

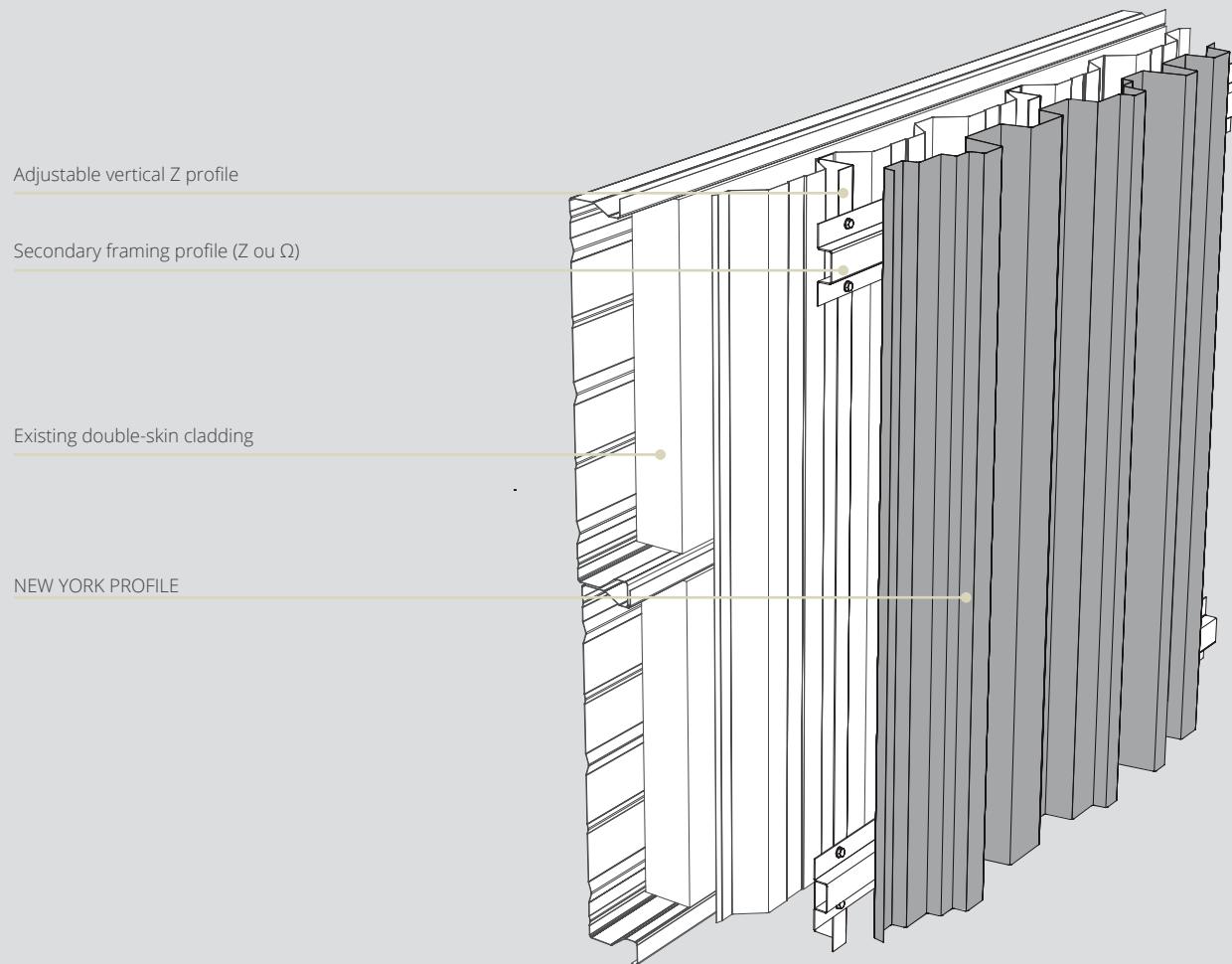
The installation must comply with the RAGE rules (French steel cladding installation recommendations). The layout must take into account the maximum length of the sheets: 8000mm. Specific finishing elements must be provided.

The cladding should be cleaned regularly with water to prevent the accumulation of dust on the horizontal parts.

The flatness of the support is very important for a quality finish, and an adjustable secondary framework is recommended for horizontal installation.

The sheets should be fixed using the appropriate screws and bolts according to the type of building and framing.

INSTALLATION ON EXISTING DOUBLE-SKIN CLADDING



RENOVATING A BUILDING WITHOUT REMOVING THE EXISTING CLADDING

The NEW-YORK range can be installed in the renovation of buildings on existing wall cladding.

The flatness of the support is very important for a quality cladding installation, Adjustable accessories must be used.



FINISHING PROFILES



Beyond the aesthetic quality of its cladding panels, a successful metal facade requires precise and well-designed finishing profiles. ATELIER 3S takes particular care to offer discreet elements that connect with the styles of the associated cladding.

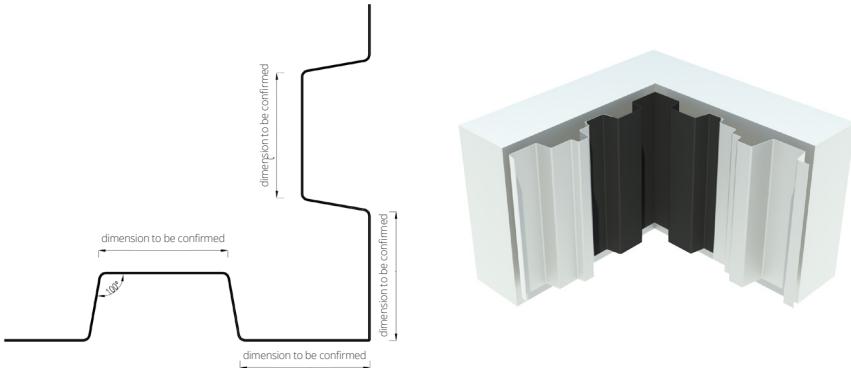
In these pages, you'll find a selection of models that are fully adaptable to the actual dimensions of your project.

No matter how precise your installation is, finishing profiles will always be custom-made elements. Please don't hesitate to provide us with your exact dimensions and any other installation drawings.

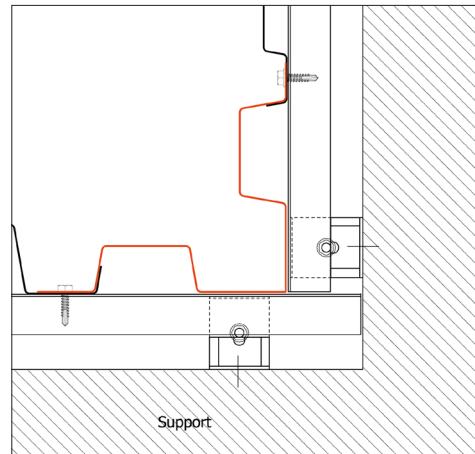
NEW YORK cladding has variable ribs heights, so it is recommended that the total depth of the cladding, it is recommended that the total depth of the cladding of 60 mm be taken into account for each finishing profiles design.

In areas with complex single points, the QUEENS model and its constant low height of 20 mm will make finishing profiles much easier.

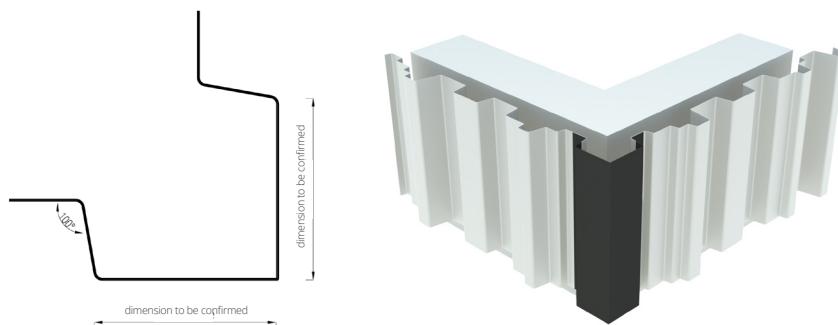
INSIDE CORNER



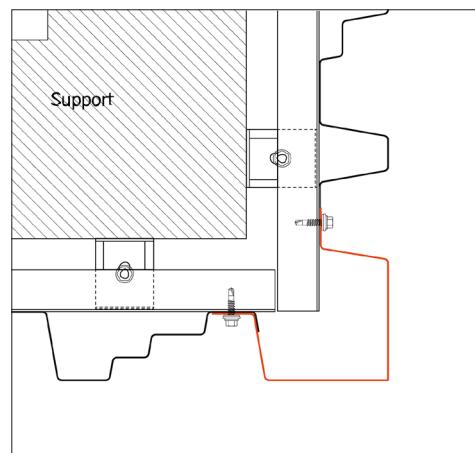
VERTICAL APPLICATION



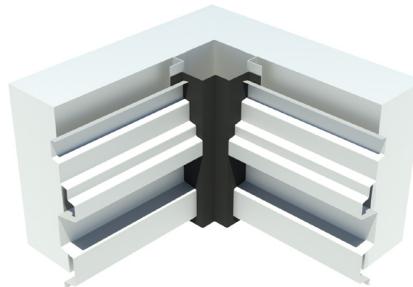
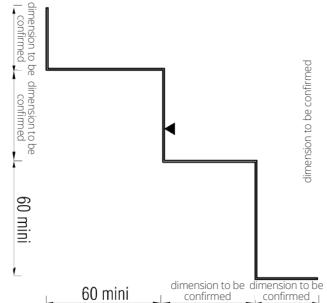
OUTSIDE CORNER



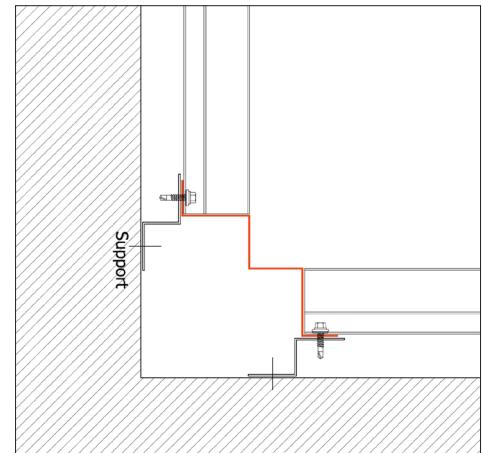
VERTICAL APPLICATION



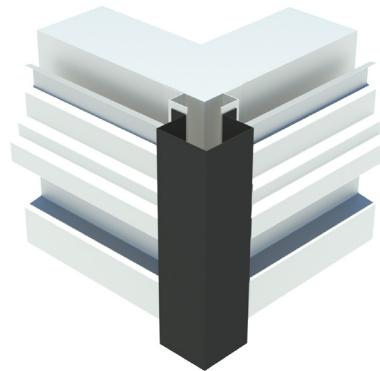
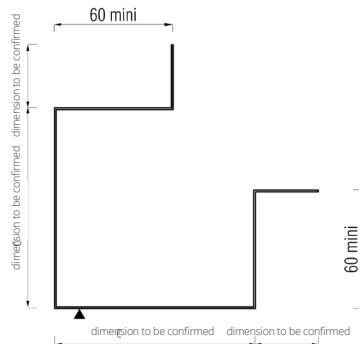
INSIDE CORNER



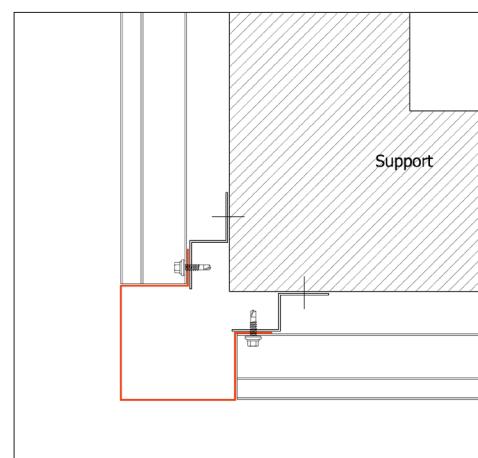
HORIZONTAL APPLICATION



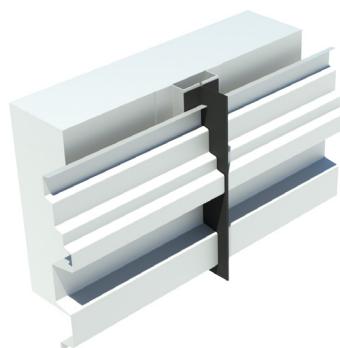
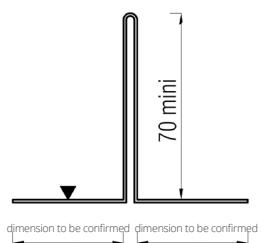
OUTSIDE CORNER



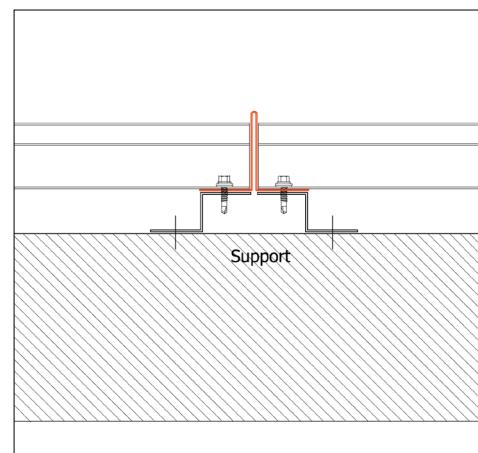
HORIZONTAL APPLICATION



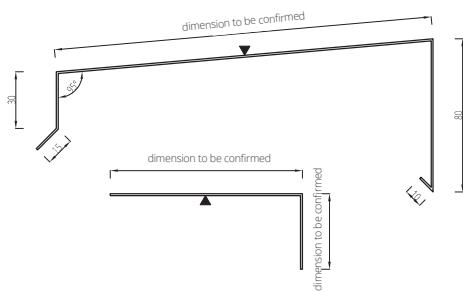
JUNCTION



PIN JOINT HORIZONTAL APPLICATION



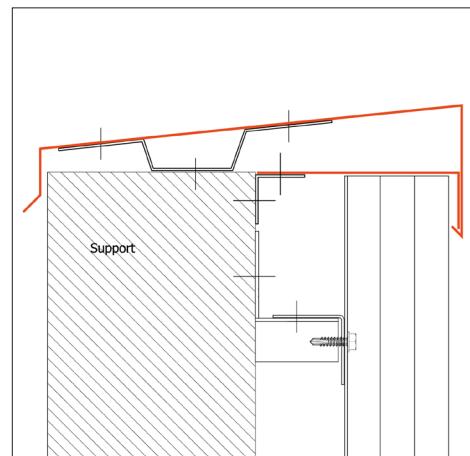
FACADE TOP



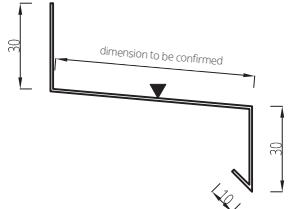
Lg : 4,0 m maxi
Th : 0,75 mm



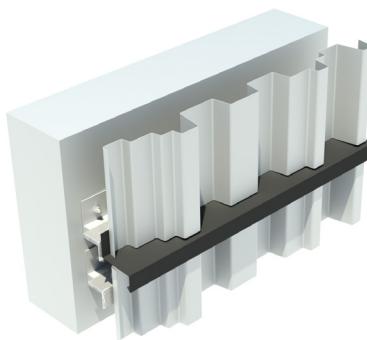
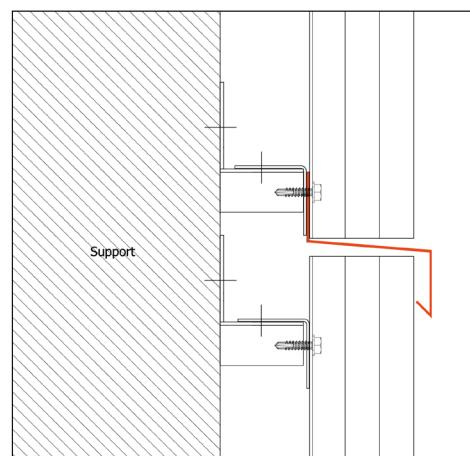
COPING



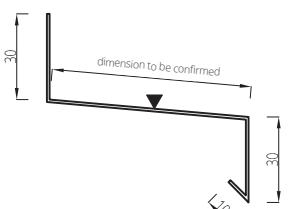
JUNCTION



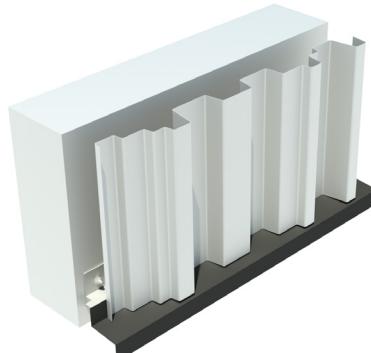
Lg : 4,0 m maxi
Th : 0,75 mm


 DRIP EDGE
VERTICAL APPLICATION


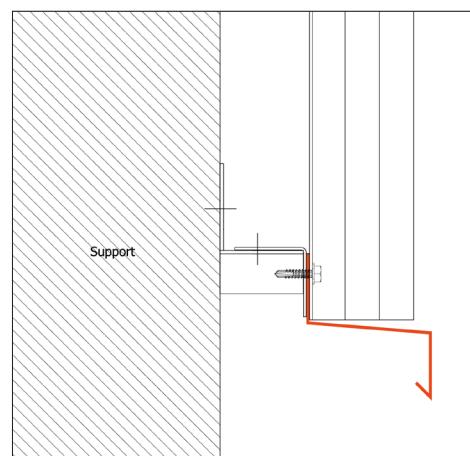
FACADE BOTTOM



Lg : 4,0 m maxi
Th : 0,75 mm

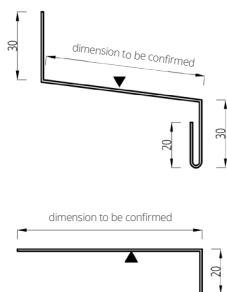


DRIP EDGE

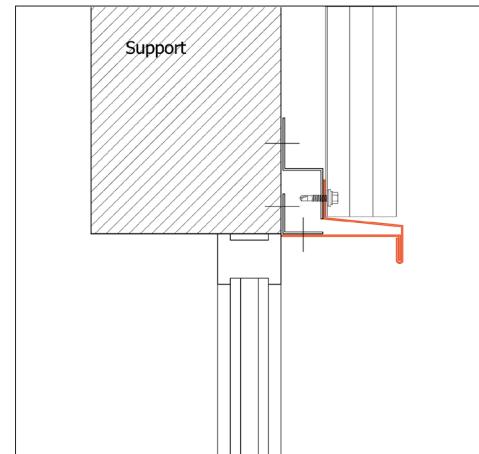
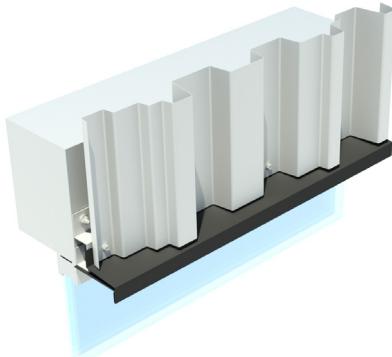


OPENING

LINTEL

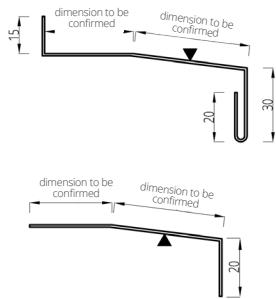


Lg : 4,0 m maxi
Th : 0,75 mm

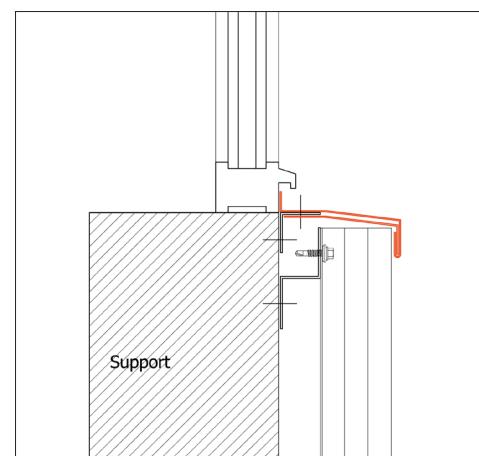


OPENING

SILL

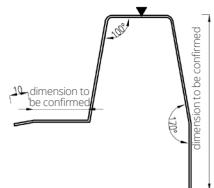


Lg : 4,0 m maxi
Th : 0,75 mm

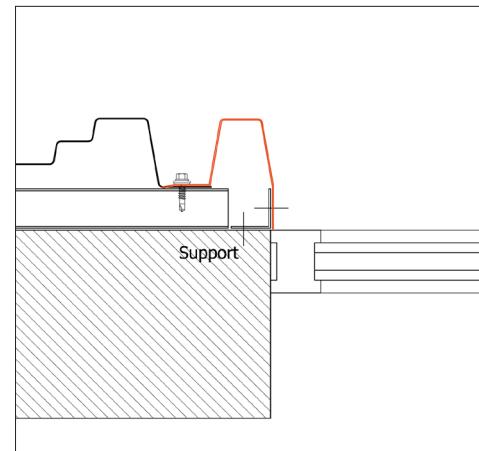


OPENING

JAMB



Lg : 4,0 m maxi
Th : 0,75 mm



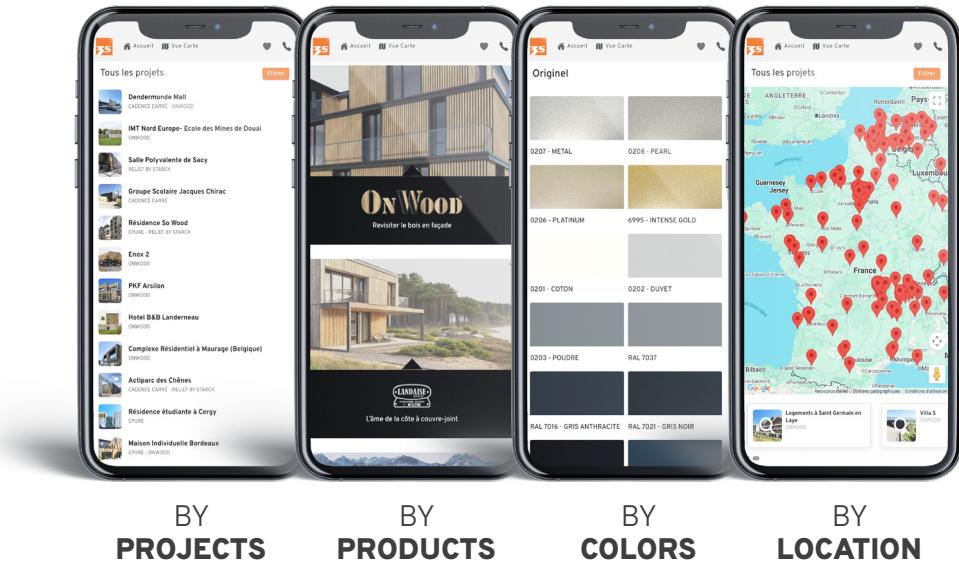


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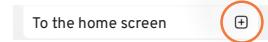


Tip to add the app directly
to your home screen
without going through the
Store:

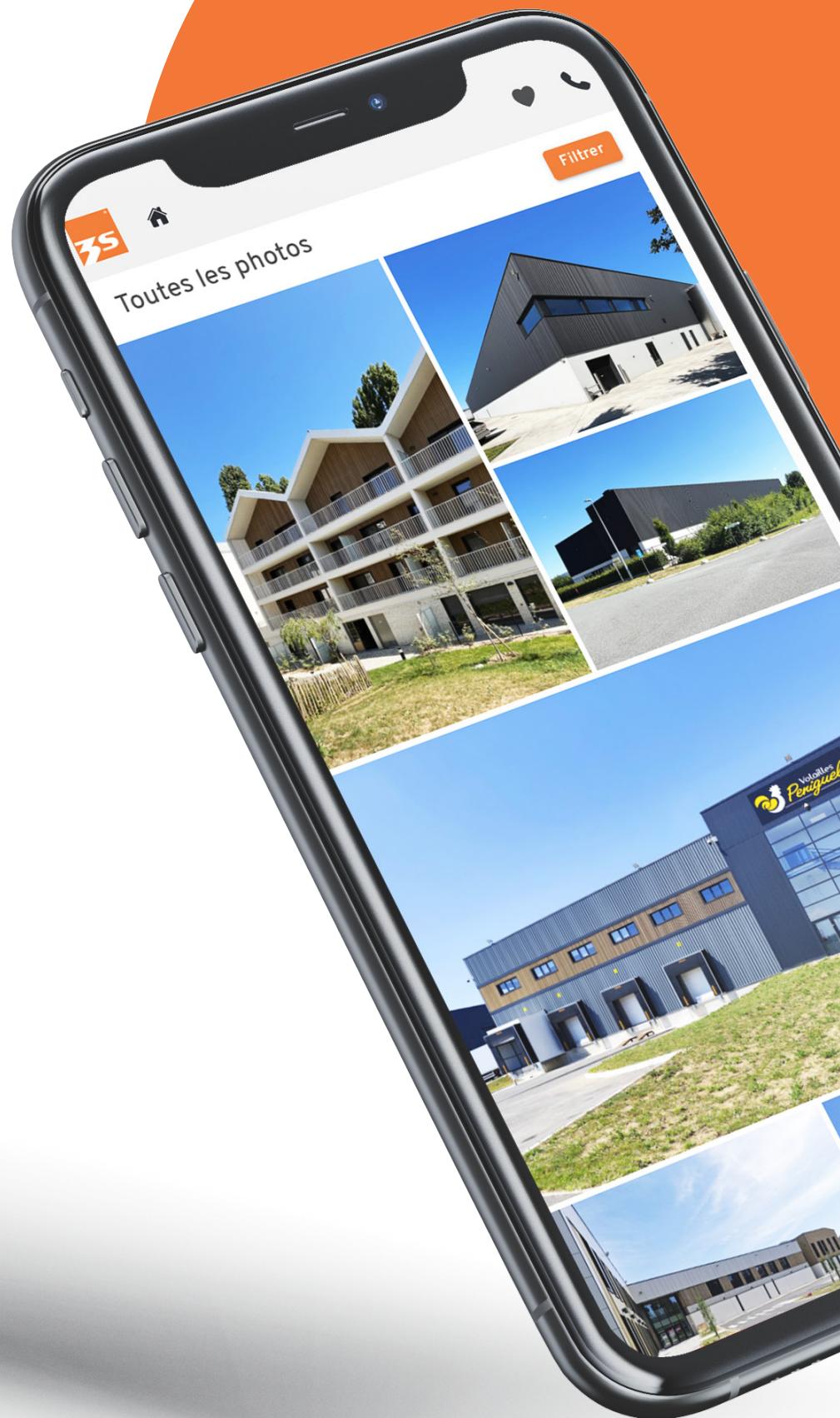
1- At the bottom of your page click here:



2- Scroll and choose the option:



To the home screen





COLOR CHART

Colours and materials used

ORIGINAL

Exclusive, ultra resistant colours that meet the requirements of the 3S® range.

METALLIC



METAL 0207 35µm



PEARL 0208 35µm



PLATINUM 0206 35µm

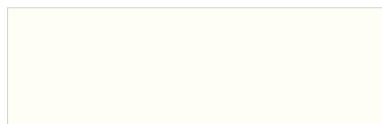


INTENSE GOLD 6995 35µm



COPPER 0603 35µm

SATIN



COTTON 0201 35µm



DUVET 0202 35µm



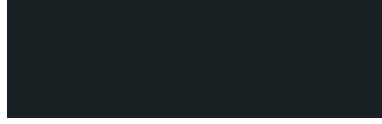
POWDER 0203 35µm



RAL 7037 35µm



RAL 7016 - ANTHRACITE GREY 35µm



RAL 7021 - BLACK GREY 25µm



RAL 5008 - OCEAN 25µm



RAL 7032 - SILEC GREY 35µm



RAL 7022 - EGGSHELL 35µm



POP 0204 35µm



SPRING 0205 35µm



Please contact us for further information on our RAL colour chart and our special custom-designed textured coatings.



RAL 9005 - DEEP BLACK 35µm

Colours and materials used

MATERIALS

Coatings that are as fabulous as the materials.



OXYDE 0602 35µm



DARK BRONZE 0604 50µm



INTENSE GOLD 6995 35µm



COPPER 0603 35µm

ZINC SPIRIT

Deep matte and very fine texture for a true-to-life zinc effect.



NERRO 0104 50µm



VINO 0106 50µm



GALEO 0103 50µm



VOLCANO 0101 50µm



AZURO 0102 50µm



BIANCO 0105 50µm

ROUGH

Reveal the nobility of raw materials.



STAINLESS STEEL 0302
Shiny



SURFACE GRAIN 0301
Galvanized steel with high-precision grain

ONWOOD

True-to-life matte wood texture. Available in all wood finish or with optional black strips "Colorigami® Process".



SILVER TECK (BLACK BANDS) 0409 47µm



SILVER TECK (ALL WOOD) 0408 47µm



NATURAL OAK (BLACK BANDS) 0406 47µm
0416 (MIN)
0426 (MAX)



NATURAL OAK (ALL WOOD) 0403 47µm



HAZELNUT OAK (BLACK BANDS) 0405 47µm



HAZELNUT OAK (ALL WOOD) 0402 47µm



COFFEE OAK (BLACK BANDS) 0407 47µm



COFFEE OAK (ALL WOOD) 0404 47µm



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