



CADENCE

DESIGN YOUR  
OWN PATTERN



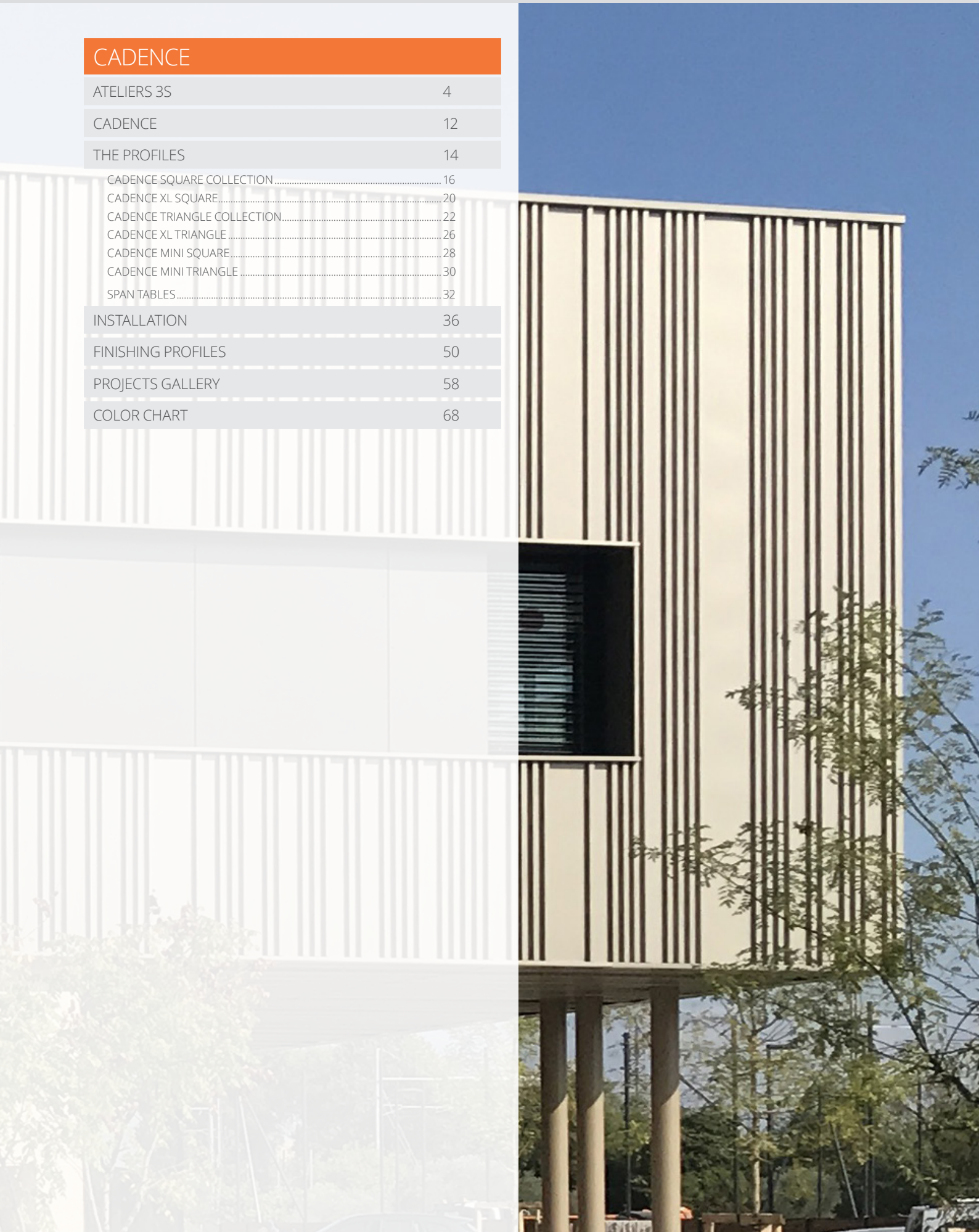




# SUMMARY

## CADENCE

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# THE LATEST ENTRANT

**ATELIERS** 

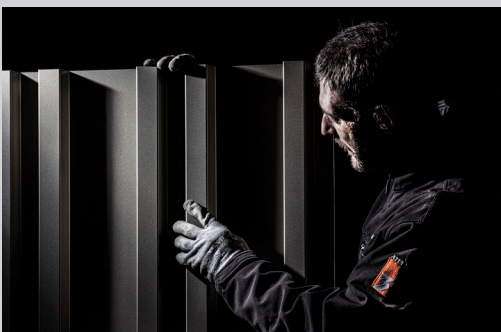
**How is it that the latest company in the field of metal cladding has taken less than 10 years to shape its market?**

“

You're familiar with the following universal theory; everyone can identify with it: one of the great enemies of humankind – of our human way of thinking – *is habit*.

The habit of **thinking within a certain framework** not because we have established it ourselves, but just because it is there, locking us into an ultimately comfortable standard process: Thinking like Mr. Average.

Our story perfectly embodies how to buck this trend: we are the latest entrant to the French metal cladding market. Despite being the most recently established company, in just over 10 years, we have built a reputation that is unrivalled in the sector, consistently outpacing the competition with our original and desirable designs; **our influence is clearly unrelated to our economic weight.**





# 10 YEARS

OF FIRSTS

# IMPACT

- first to reinvent the aesthetics of metal clad buildings
- first to bring steel cladding into towns and cities
- first to offer a 30-year warranty
- first to invent a random facade
- first to offer low carbon steel as standard
- first selective lacquering of a pre-painted coil





# IMPACT DESIGN





We have pushed back the boundaries and brought steel cladding **into cities and towns**. Offices, apartment blocks, interior design – a significant part of our business is generated by projects outside industrial buildings; steel cladding is now considered a desirable element.

**We have consulted architects, builders, artisans and contractors.** Together, we have radically changed the scene in just a few years. Ateliers 3S impacts on its market in terms both of building aesthetics and environmental concerns, and is creatively liberating.

This positive impact becomes yours also. It is encoded in your buildings. **Permanently.**”





# IMPACT CLIMAT



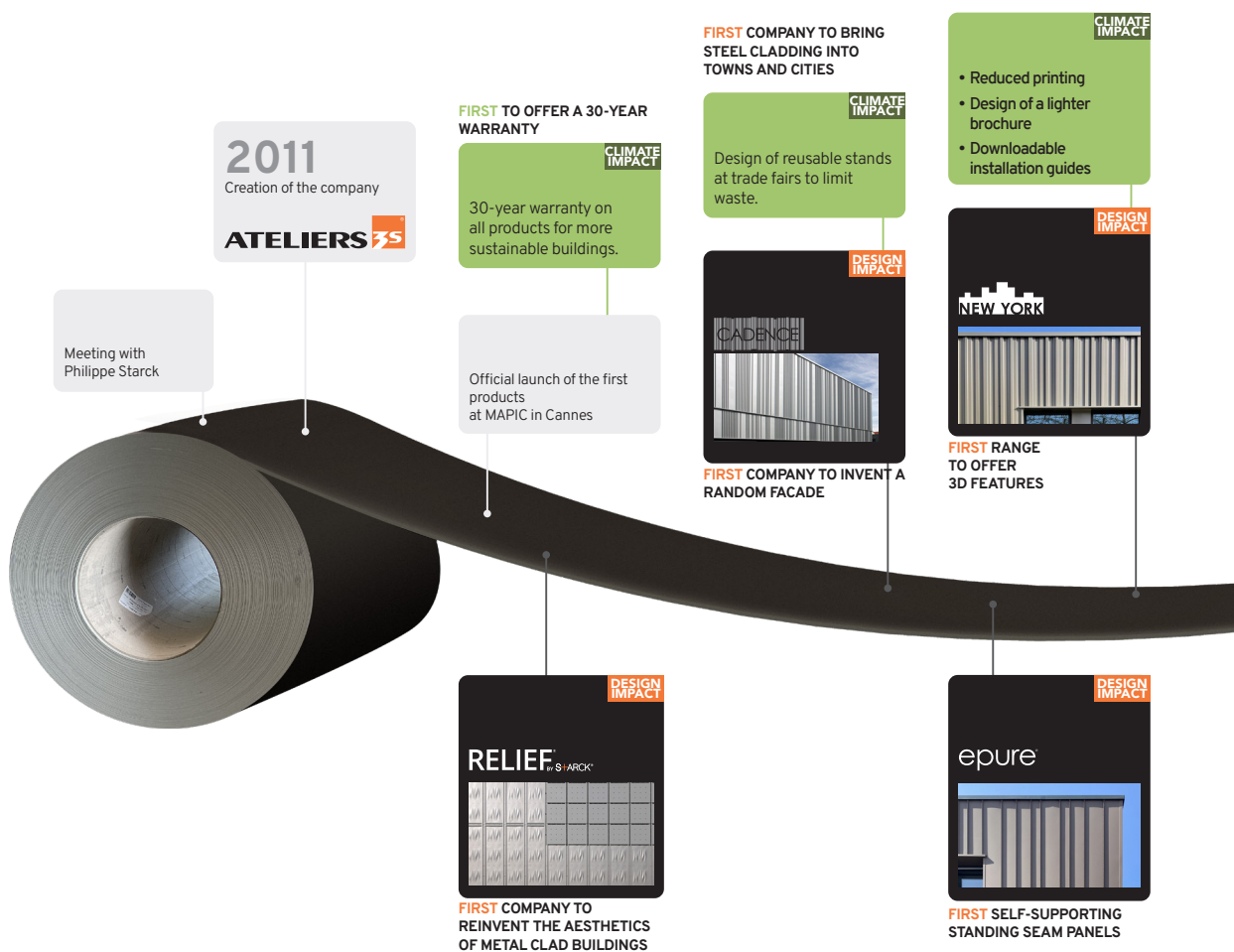


Our **30-year warranty** – ensuring that our products last three times longer – was our first step in an eco-friendly approach to sustainability and economy. However, while steel can be recycled repeatedly, the recyclable volume currently available is only sufficient to meet a quarter of global demand. The future therefore lies in low carbon steel.

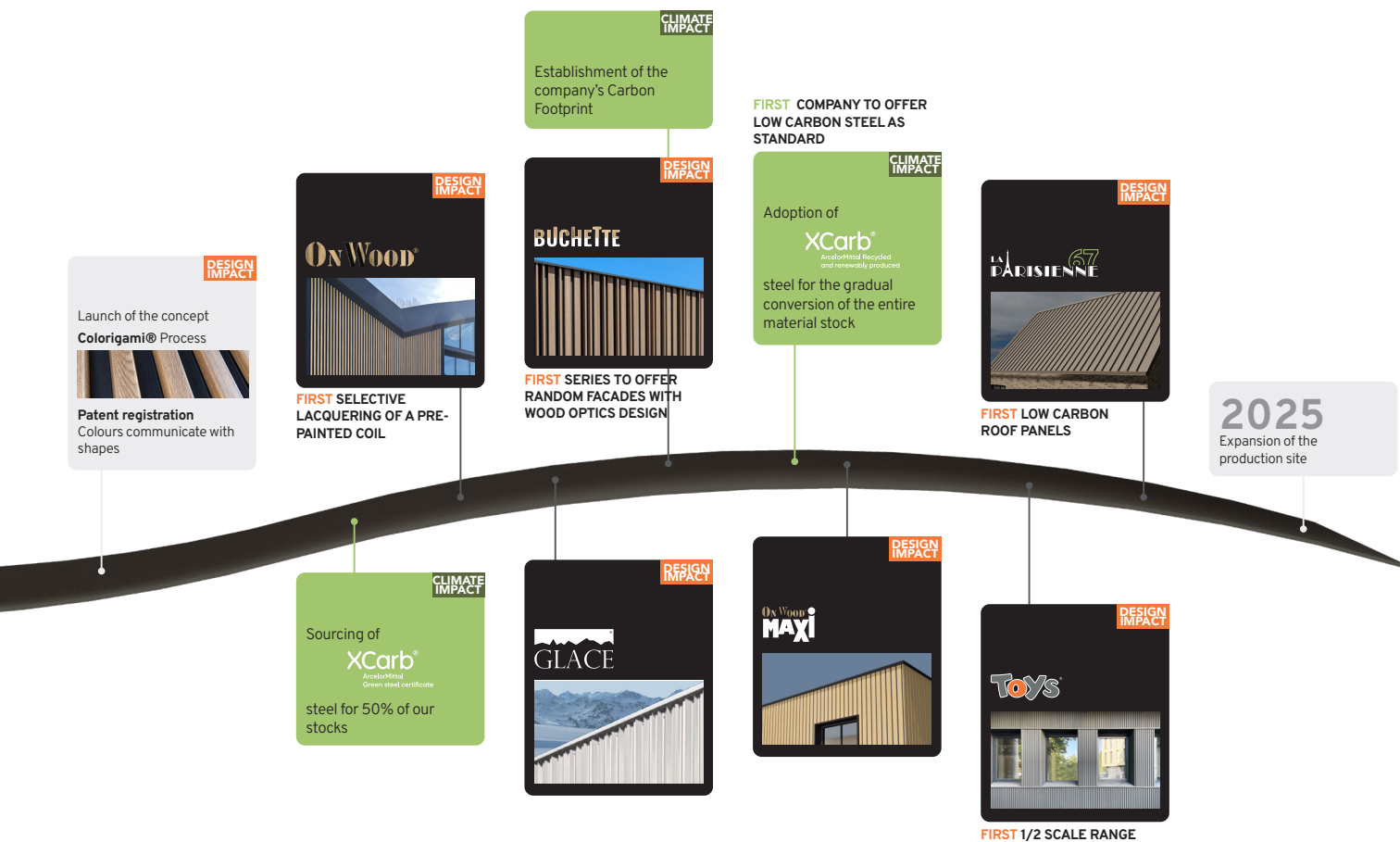
**As of 2024, we are the first company to offer the new low carbon steel as standard.** Climate concerns are not an option; by anticipating that the carbon footprint of any building will be a determining factor in its construction, we are offering our customers the opportunity to be in phase with future trends.”

# OUR

# HISTORY







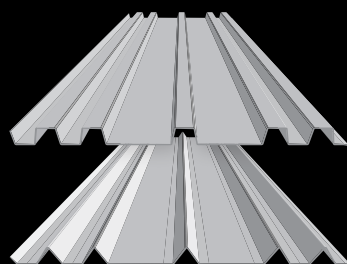




# CADENCE

Among the architect's dreams, the precise mastery of randomness is one of the supreme exercises.

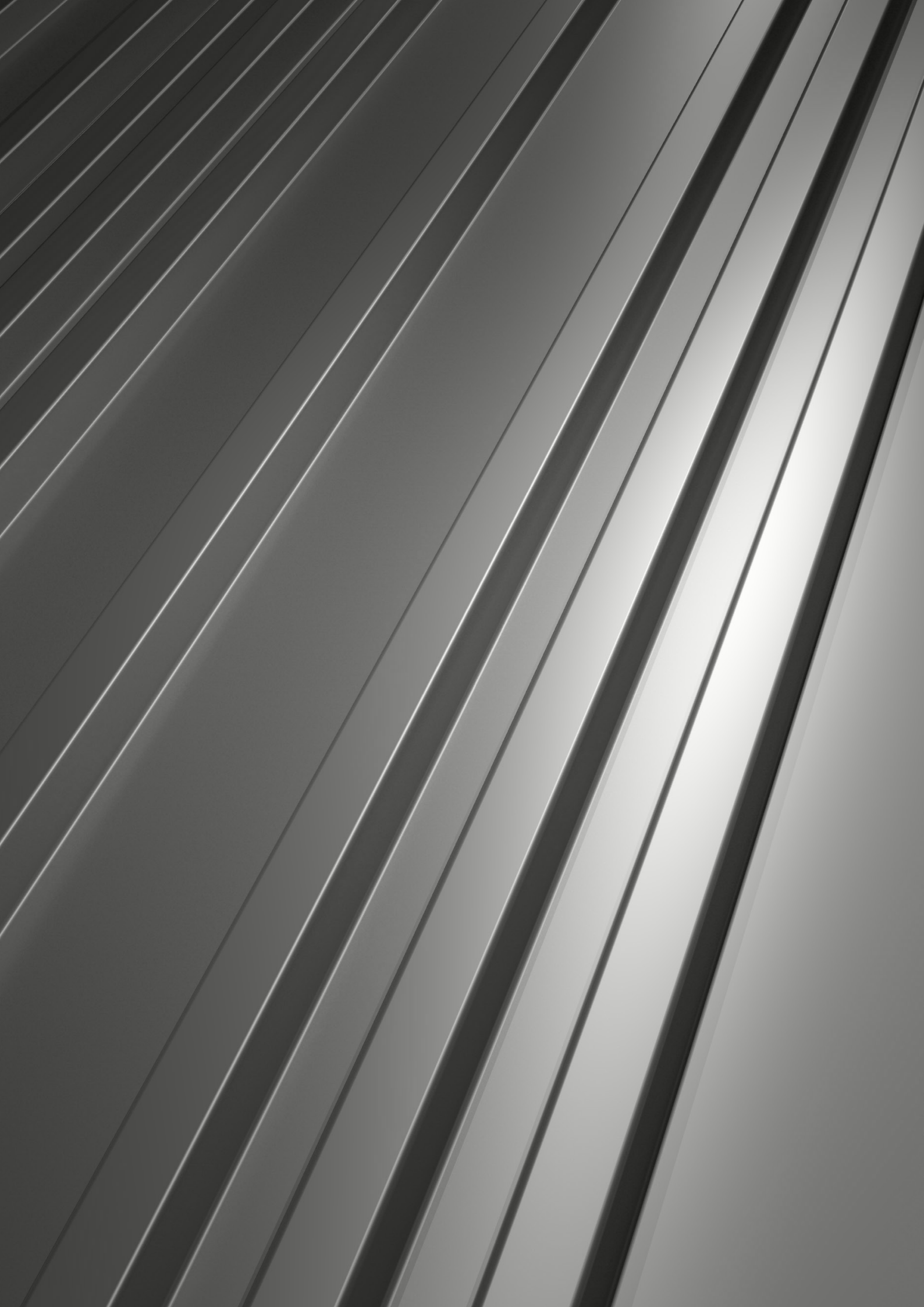
Playing with simplicity, composing one's own rhythm with finesse, to achieve a subtle singularity, with the assurance of a result of discreet and timeless elegance.



# 24

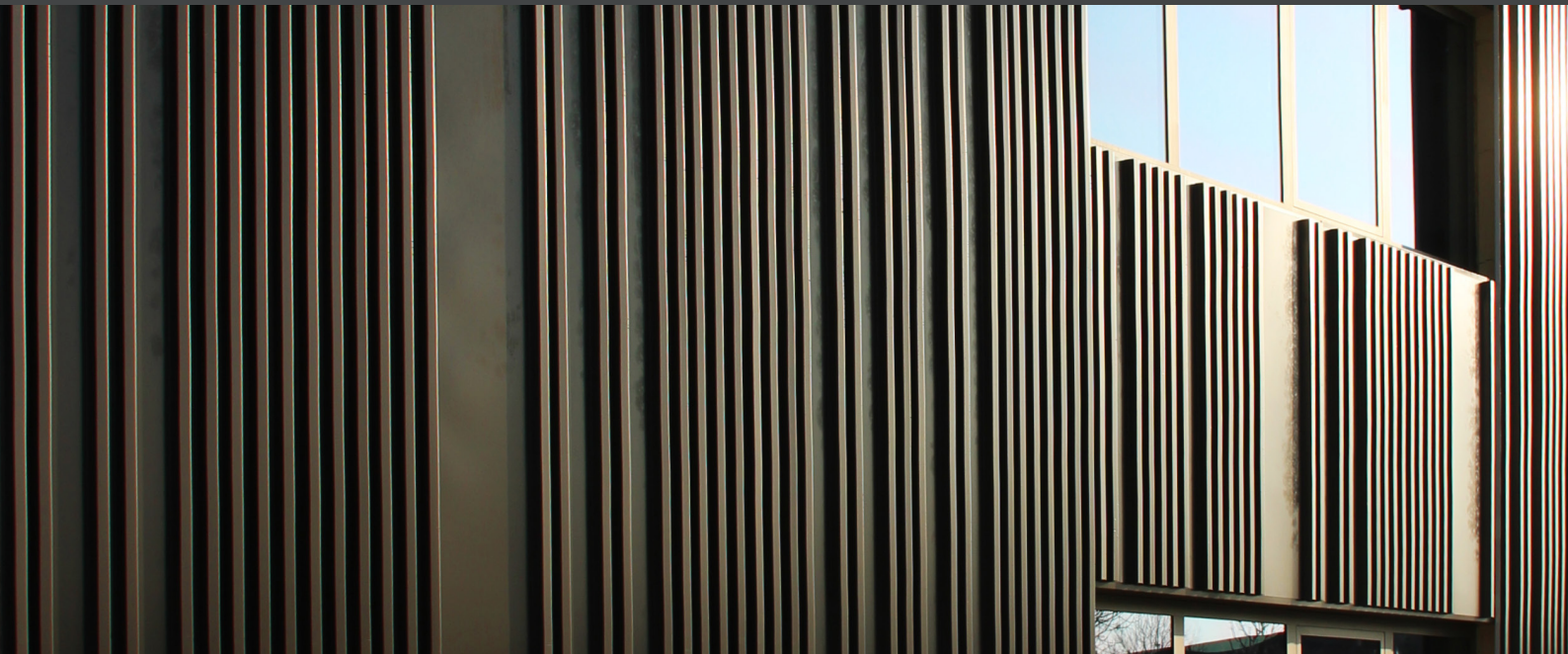
PROFILES

For **millions** of  
**possibilities**





# THE PROFILES



REGISTERED  
DESIGNS

30-YEAR  
WARRANTY  
  
FIRE : A1  
IMPACT : Q4

TRADITIONAL  
INSTALLATION  
METHOD

MADE IN FRANCE

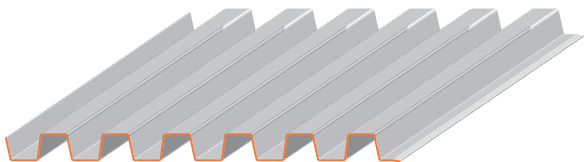
DWG, BIM,  
SKETCHUP FILES  
TO DOWNLOAD  
ON OUR WEBSITE

# CADENCE SQUARE COLLECTION

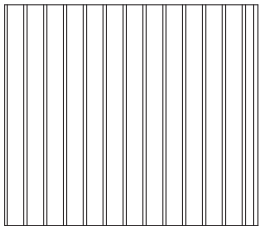
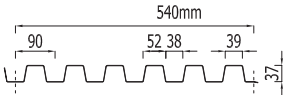
10 profiles with square ribs with varied rhythms for a total creative freedom,  
Complete construction box to imagine unique facades  
**Profiles Maximal Length : 8000 mm.**

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

## CADENCE C1 (540C 6)

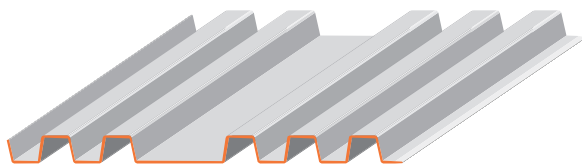


| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 10.47          |

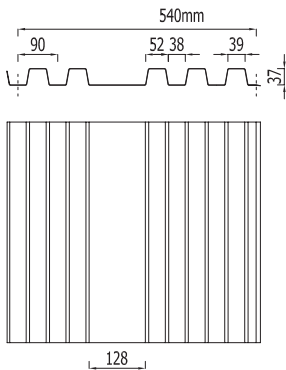




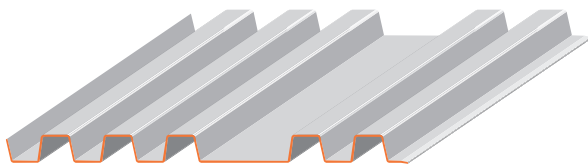
## CADENCE C2 (540C 2.3)



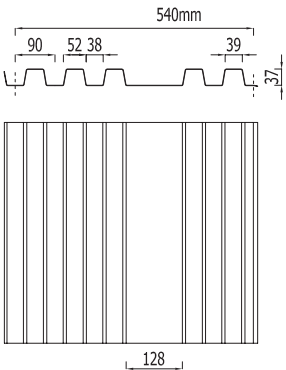
| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 9.80           |



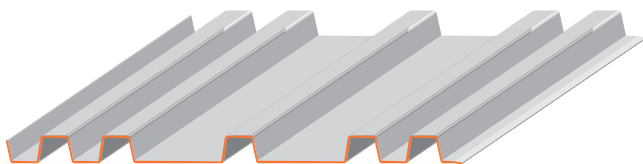
## CADENCE C3 (540C 3.2)



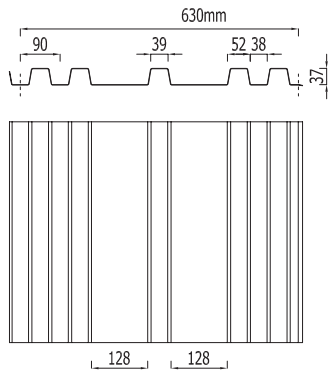
| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 9.80           |



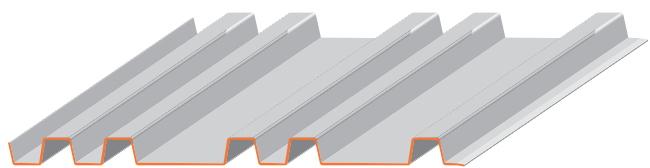
## CADENCE C4 (630C 2.1.2)



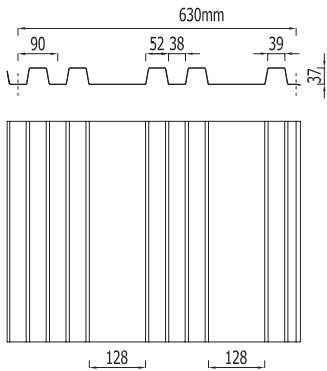
| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 9.24           |



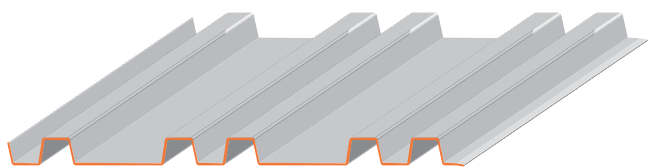
CADENCE C5 (630C 2.2.1)



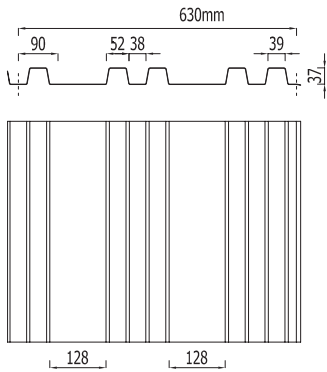
| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 9.24           |



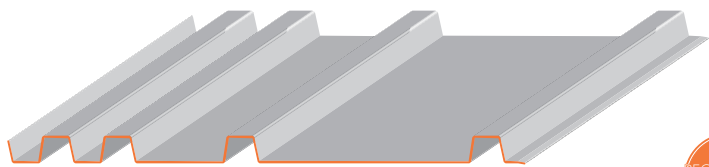
CADENCE C6 (630C 1.2.2)



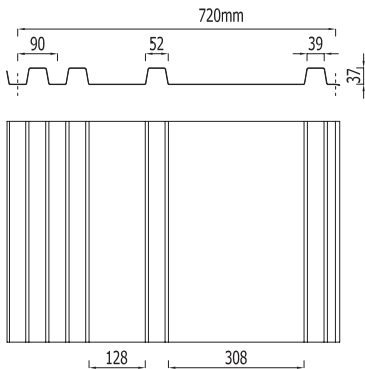
| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 9.24           |



CADENCE C7 (720C 2.1.1)

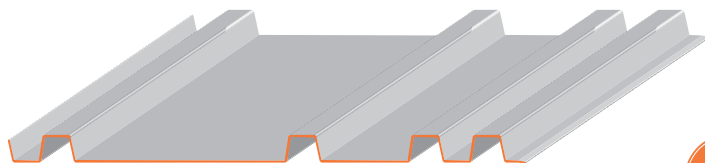


| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 8.33           |

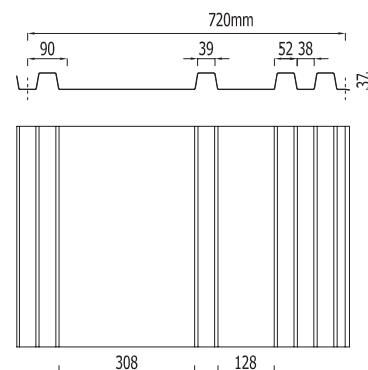




## CADENCE C8 (720C 1.1.2)



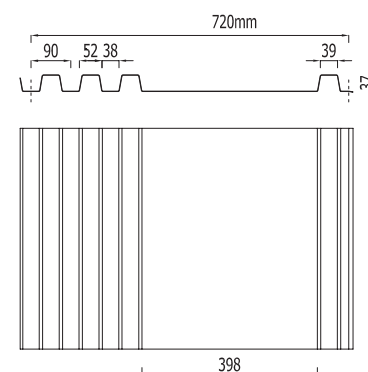
| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 8.33           |



## CADENCE C9 (720C 3.1)



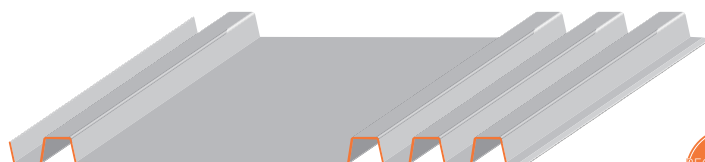
| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 8.33           |



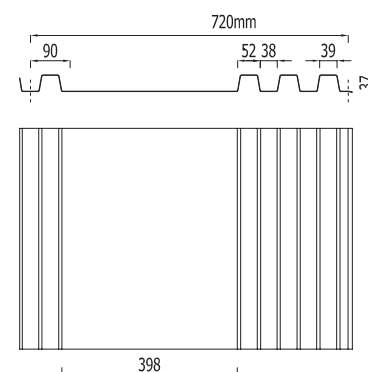
### Wide flat range model :

To maintain the flatness of the surfaces, installation on an adjustable frame is recommended.

## CADENCE C10 (720C 1.3)



| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 8.33           |



### Wide flat range model :

To maintain the flatness of the surfaces, installation on an adjustable frame is recommended.



# CADENCE XL

## CADENCE FOR LARGE-SCALE PROJECTS

Longer and wider, 2 square profiles to be mixed for a facade with always unique and random rhythm. A simplified and faster installation.

**Profiles Maximal Length :13000 mm.**

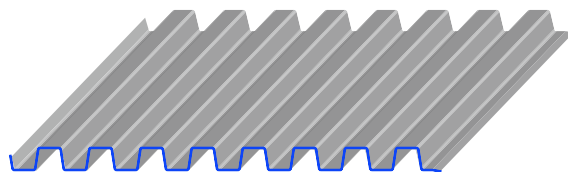
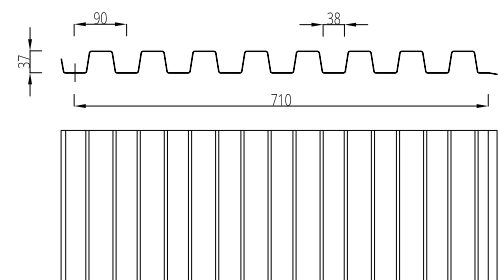
**CAUTION :** XL profiles can not be mixed with COLLECTION profiles

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



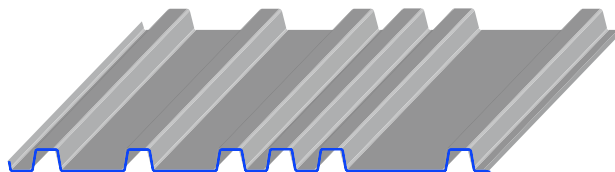
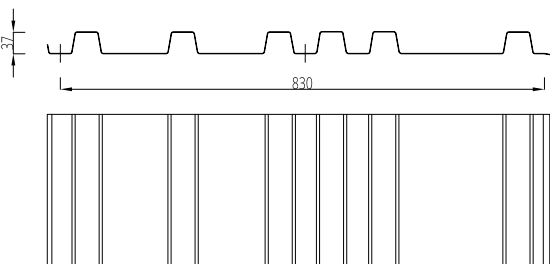
# CADENCE XL SQUARE

## CADENCE XL 710 C



| Material             | Thickness (mm) | Weight (kg/m <sup>2</sup> ) |
|----------------------|----------------|-----------------------------|
| Steel S280 GD + Z275 | 0.75           | 10.12                       |

## CADENCE XL 830 C



| Material             | Thickness (mm) | Weight (kg/m <sup>2</sup> ) |
|----------------------|----------------|-----------------------------|
| Steel S280 GD + Z275 | 0.75           | 8.65                        |

REGISTERED  
DESIGNS

30-YEAR  
WARRANTY

FIRE : A1  
IMPACT : Q4

TRADITIONAL  
INSTALLATION  
METHOD

MADE IN FRANCE

DWG, BIM,  
SKETCHUP FILES  
TO DOWNLOAD  
ON OUR WEBSITE

# CADENCE TRIANGLE COLLECTION



REGISTERED  
DESIGNS

30-YEAR  
WARRANTY  
  
FIRE : A1  
IMPACT : Q4

TRADITIONAL  
INSTALLATION  
METHOD

MADE IN FRANCE

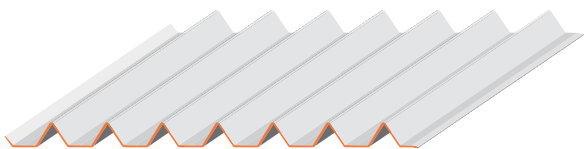
DWG, BIM,  
SKETCHUP FILES  
TO DOWNLOAD  
ON OUR WEBSITE

## CADENCE TRIANGLE COLLECTION

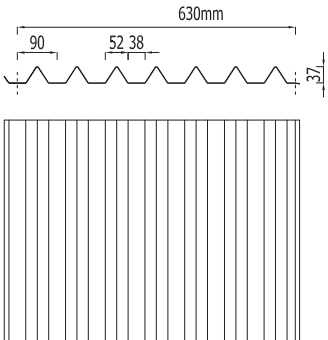
10 profiles with triangular ribs with varied rhythms for a total creative freedom,  
Complete construction box to imagine unique facades  
**Profiles Maximal Length : 8000 mm.**

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

### CADENCE T1 (630T 7)

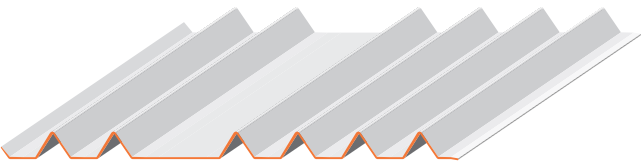


| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 9.07           |

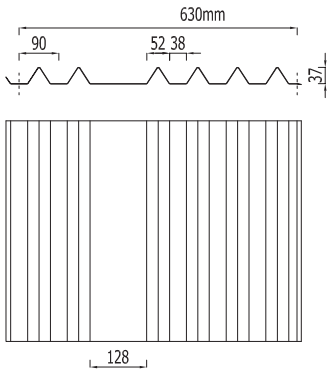




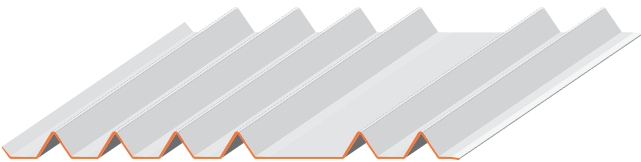
CADENCE T2 (630T 2.4)



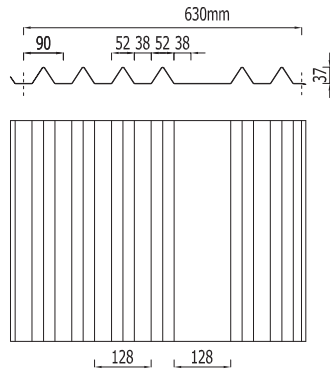
| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 8.93           |



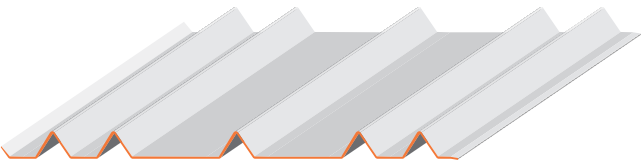
CADENCE T3 (630T 4.2)



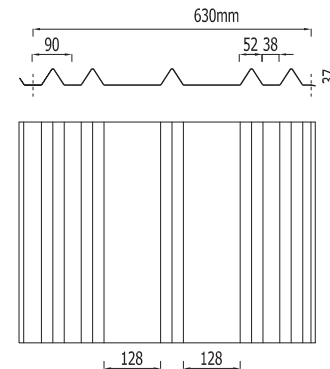
| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 8.93           |



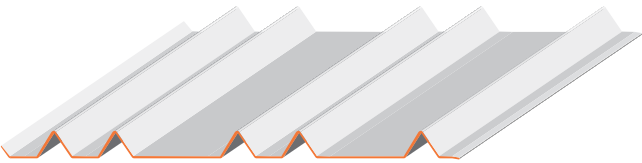
CADENCE T4 (630T 2.1.2)



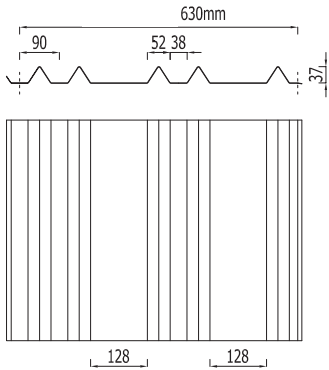
| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 8.53           |



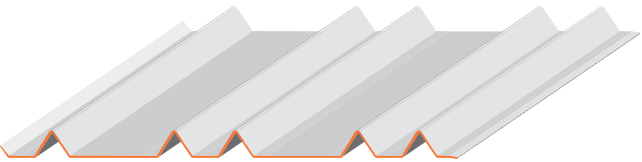
CADENCE T5 (630T 2.2.1)



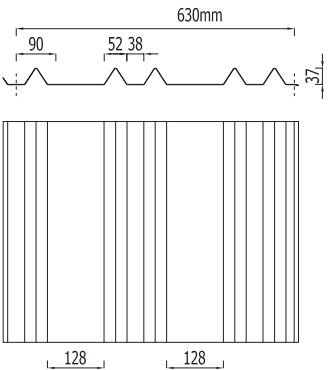
| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 8.53           |



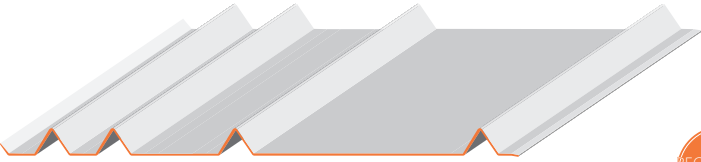
CADENCE T6 (630T 1.2.2)



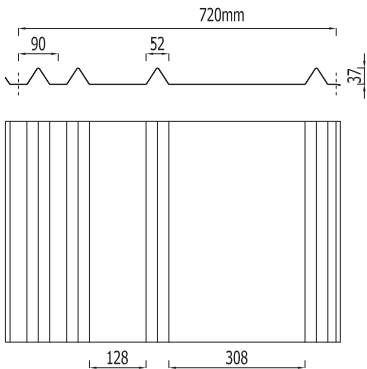
| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 8.53           |



CADENCE T7 (720T 2.1.1)

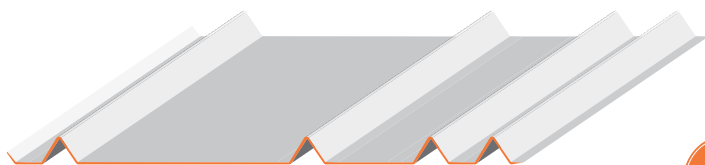


| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 7.88           |

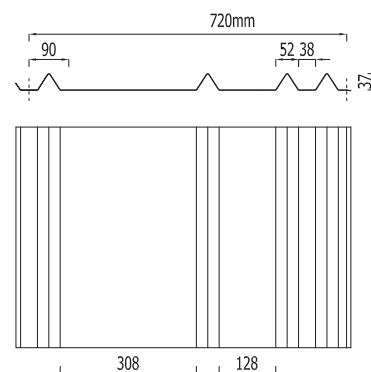




## CADENCE T8 (720T 1.1.2)



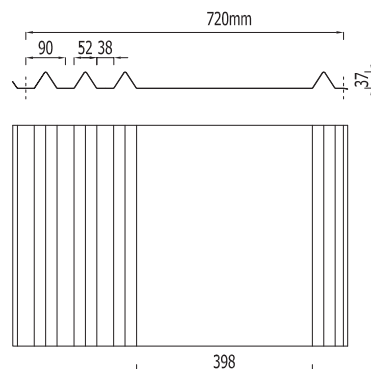
| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 7.88           |



## CADENCE T9 (720T 3.1)



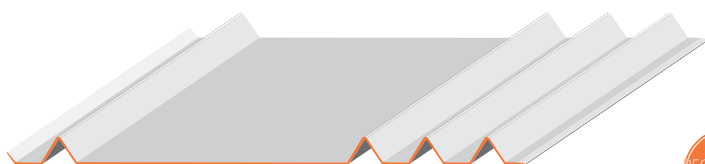
| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 7.88           |



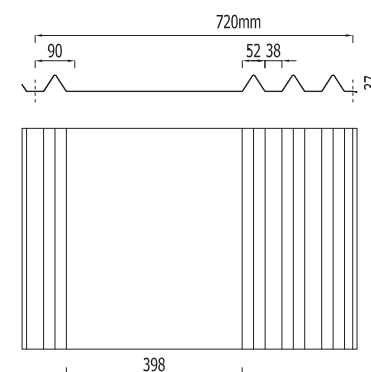
### Wide flat range model :

To maintain the flatness of the surfaces, installation on an adjustable frame is recommended.

## CADENCE T10 (720T 1.3)



| Material             | Thickness (mm) | Weight (kg/m²) |
|----------------------|----------------|----------------|
| Steel S280 GD + Z275 | 0.75           | 7.88           |



### Wide flat range model :

To maintain the flatness of the surfaces, installation on an adjustable frame is recommended.



# CADENCE XL

## CADENCE FOR LARGE-SCALE PROJECTS

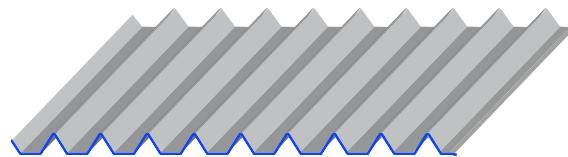
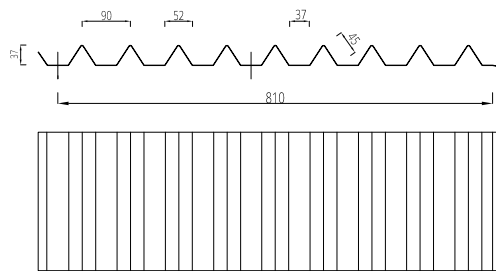
Longer and wider, 2 triangular profiles to be mixed for a facade with always unique and random rhythm. A simplified and faster installation.

**Profiles Maximal Length :13000 mm.**  
**CAUTION :** XL profiles can not be mixed with COLLECTION profiles

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

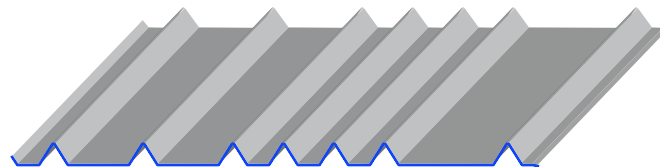
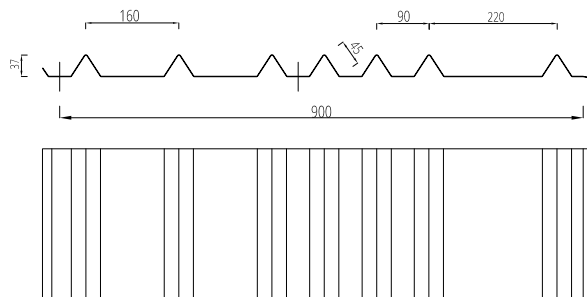
# CADENCE XL TRIANGLE

## CADENCE XL 810 T



| Material             | Thickness (mm) | Weight (kg/m <sup>2</sup> ) |
|----------------------|----------------|-----------------------------|
| Steel S280 GD + Z275 | 0.75           | 8.87                        |

## CADENCE XL 900 T



| Material             | Thickness (mm) | Weight (kg/m <sup>2</sup> ) |
|----------------------|----------------|-----------------------------|
| Steel S280 GD + Z275 | 0.75           | 7.98                        |

REGISTERED  
DESIGNS

30-YEAR  
WARRANTY

FIRE : A1  
IMPACT : Q4

TRADITIONAL  
INSTALLATION  
METHOD

MADE IN FRANCE

DWG, BIM,  
SKETCHUP FILES  
TO DOWNLOAD  
ON OUR WEBSITE



CADENCE **MINI**

# Toys

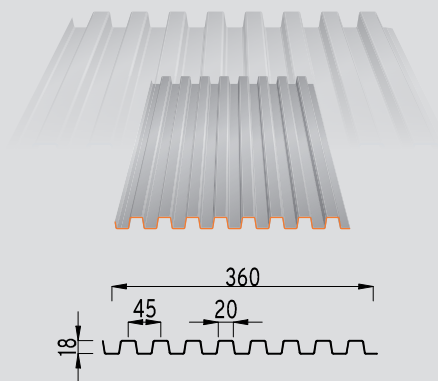
THE WORLD OF  AT **1/2** SCALE

## PROFILE CADENCE C **Mini 360**<sup>®</sup>

| Material             | Thickness (mm) | Weight (kg/m <sup>2</sup> ) |
|----------------------|----------------|-----------------------------|
| Steel S280 GD + Z275 | 0.63           | 8.31                        |

**Profile height : 18 mm**

**Sheets length : 6000mm maximum**

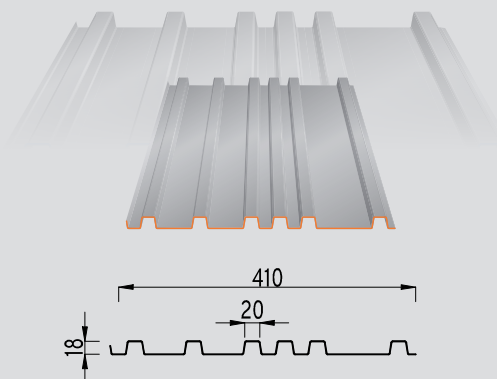


## PROFILE CADENCE C **Mini 410**<sup>®</sup>

| Material             | Thickness (mm) | Weight (kg/m <sup>2</sup> ) |
|----------------------|----------------|-----------------------------|
| Steel S280 GD + Z275 | 0.63           | 7.30                        |

**Profile height : 18 mm**

**Sheets length : 6000mm maximum**



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

REGISTERED  
DESIGNS

30-YEAR  
WARRANTY

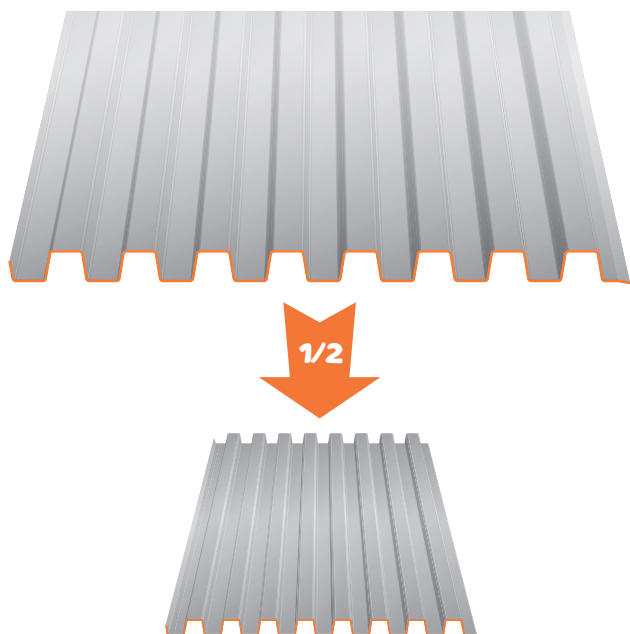
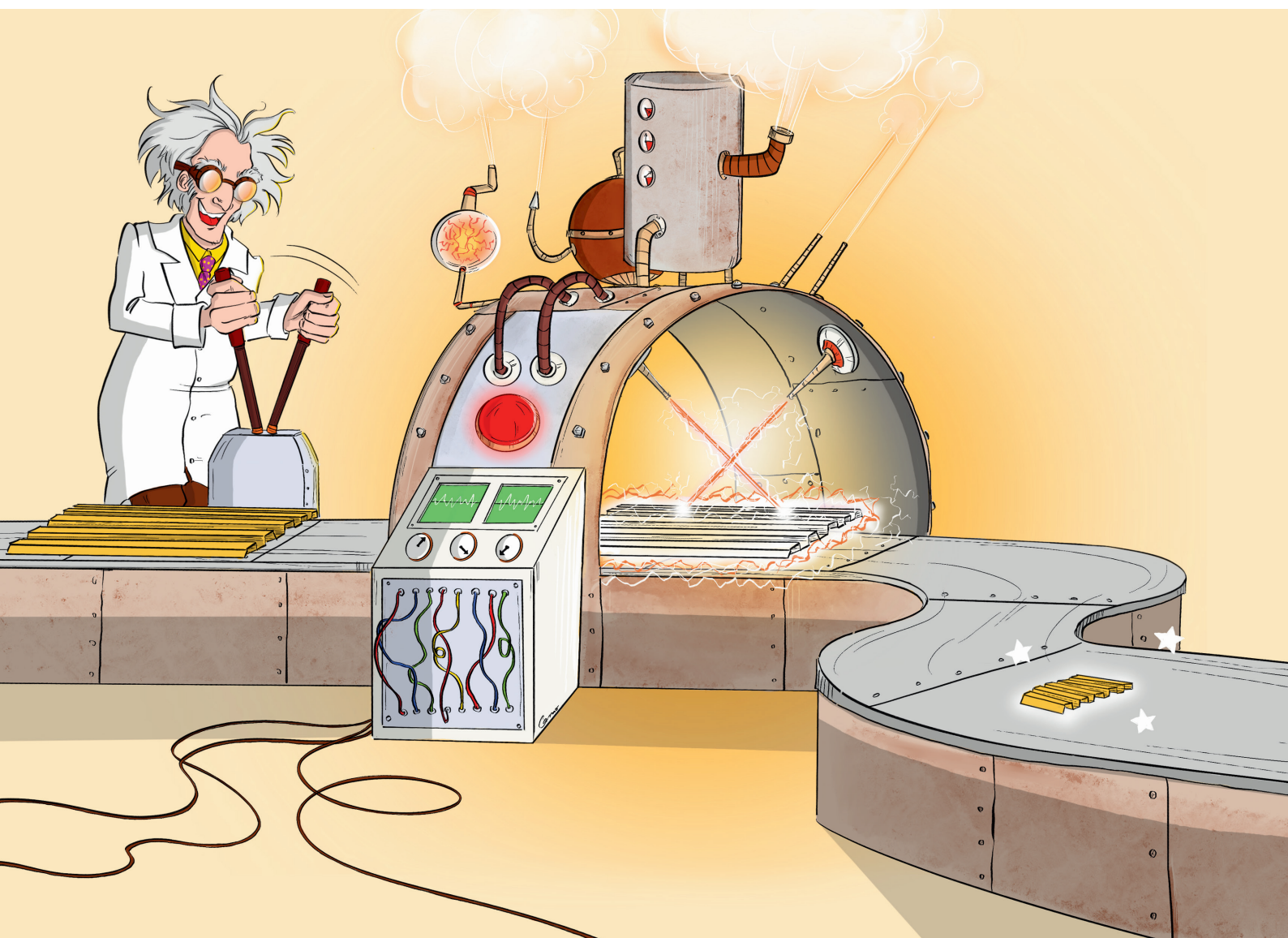
FIRE : A1  
IMPACT : Q4

TRADITIONAL  
INSTALLATION  
METHOD

MADE IN FRANCE

DWG, BIM,  
SKETCHUP FILES  
TO DOWNLOAD  
ON OUR WEBSITE

OUR ICONIC CLADDING SOLUTIONS  
IN OUR **Mini**<sup>®</sup> SIGNATURE



CADENCE **MINI**

# Toys

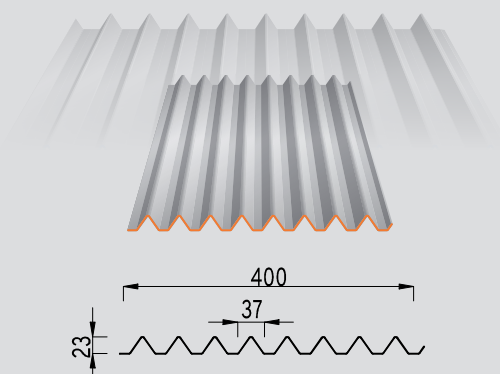
THE WORLD OF  AT **1/2** SCALE

## PROFILE CADENCE T **Mini 400**<sup>®</sup>

| Material             | Thickness (mm) | Weight (kg/m <sup>2</sup> ) |
|----------------------|----------------|-----------------------------|
| Steel S280 GD + Z275 | 0.63           | 8.31                        |

**Profile height : 23 mm**

**Sheets length : 6000mm maximum**

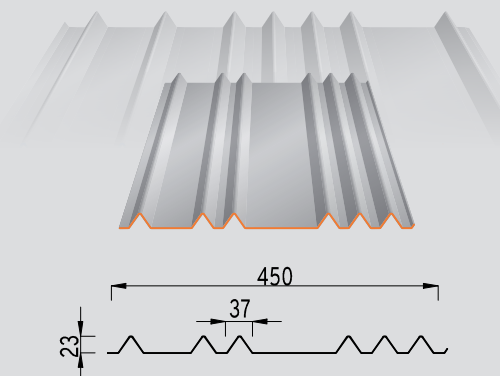


## PROFILE CADENCE T **Mini 450**<sup>®</sup>

| Material             | Thickness (mm) | Weight (kg/m <sup>2</sup> ) |
|----------------------|----------------|-----------------------------|
| Steel S280 GD + Z275 | 0.63           | 7.30                        |

**Profile height : 23 mm**

**Sheets length : 6000mm maximum**



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

REGISTERED  
DESIGNS

30-YEAR  
WARRANTY

FIRE : A1  
IMPACT : Q4

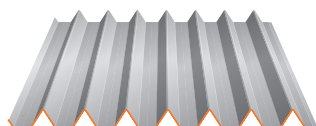
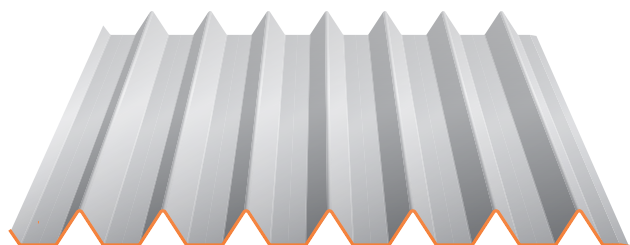
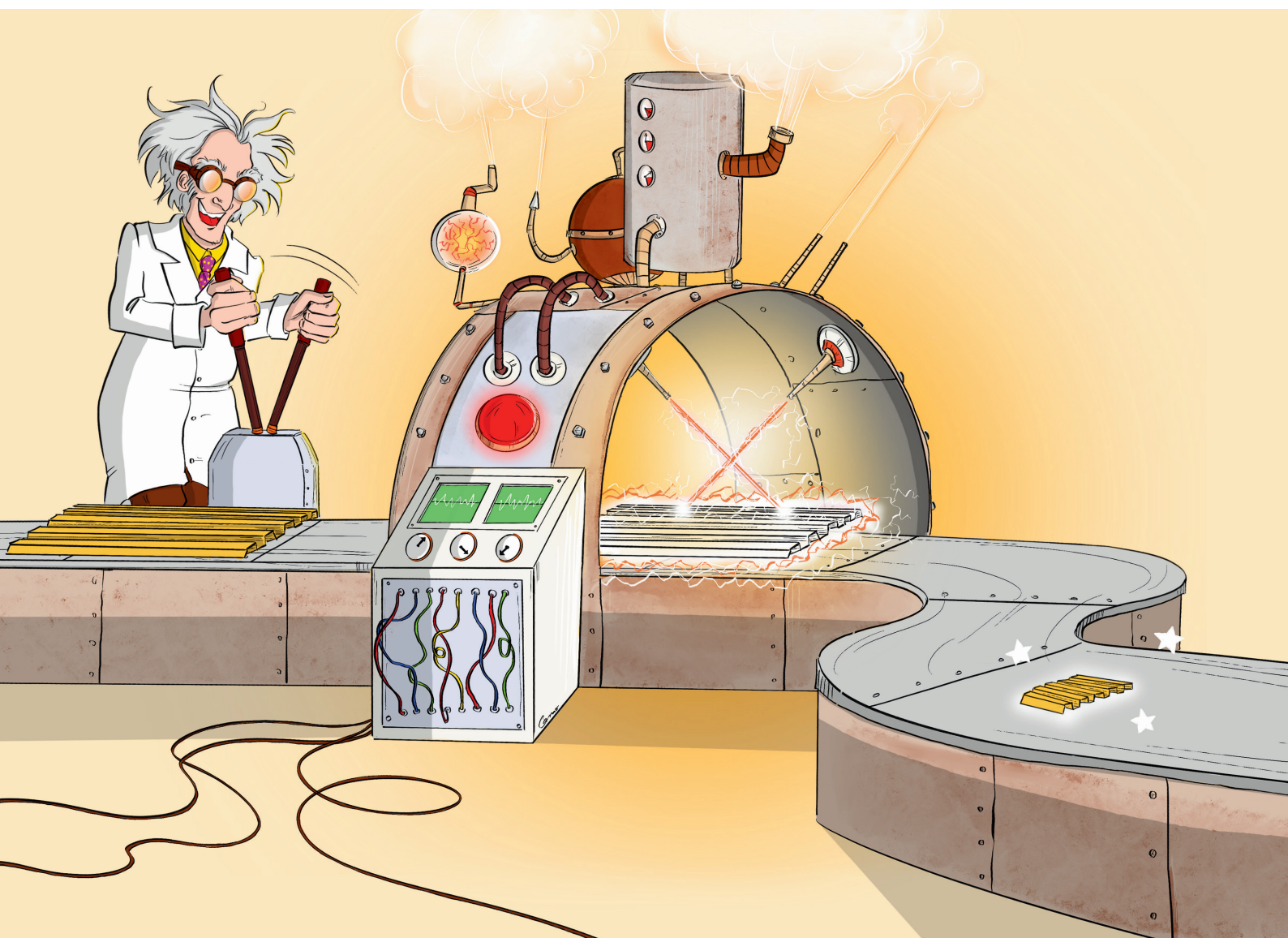
TRADITIONAL  
INSTALLATION  
METHOD

MADE IN FRANCE

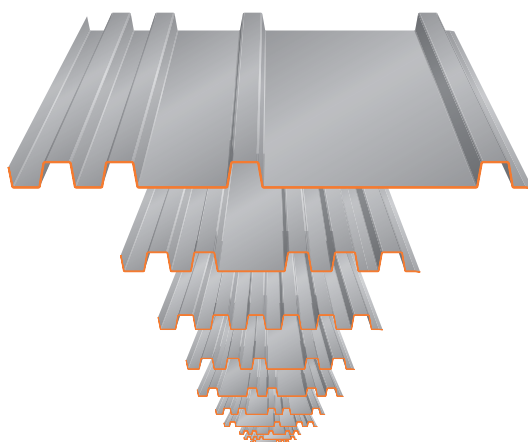
DWG, BIM,  
SKETCHUP FILES  
TO DOWNLOAD  
ON OUR WEBSITE



OUR ICONIC CLADDING SOLUTIONS  
IN OUR **Mini**<sup>®</sup> SIGNATURE



# CADENCE SQUARE COLLECTION



SPAN TABLES IN DAN/M<sup>2</sup>, ACCORDING TO WIND LOAD

| PRESSURE   |            | Span (m) | SUCTION    |            |
|------------|------------|----------|------------|------------|
| 2 supports | 3 supports |          | 2 supports | 3 supports |
| 671        | 813        | 1,00     | 671        | 813        |
| 610        | 739        | 1,10     | 610        | 739        |
| 559        | 678        | 1,20     | 559        | 678        |
| 516        | 626        | 1,30     | 516        | 626        |
| 479        | 581        | 1,40     | 479        | 580        |
| 447        | 542        | 1,50     | 447        | 534        |
| 419        | 508        | 1,60     | 419        | 493        |
| 395        | 478        | 1,70     | 395        | 458        |
| 373        | 452        | 1,80     | 373        | 427        |
| 353        | 428        | 1,90     | 353        | 399        |
| 336        | 407        | 2,00     | 336        | 374        |
| 320        | 387        | 2,10     | 320        | 351        |
| 305        | 370        | 2,20     | 305        | 331        |
| 292        | 354        | 2,30     | 292        | 313        |
| 280        | 338        | 2,40     | 280        | 296        |
| 268        | 322        | 2,50     | 268        | 280        |
| 258        | 307        | 2,60     | 258        | 266        |
| 249        | 293        | 2,70     | 249        | 253        |
| 240        | 281        | 2,80     | 240        | 241        |
| 231        | 269        | 2,90     | 231        | 230        |
| 224        | 258        | 3,00     | 224        | 220        |

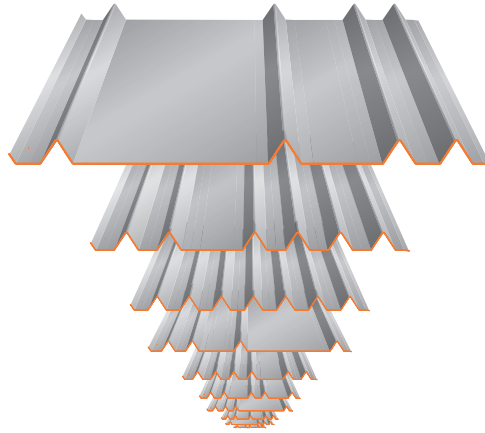


Calculation according to Eurocode III Part 1.3 (EN-1993)

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

The Cadence 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.

# CADENCE TRIANGLE COLLECTION



SPAN TABLES IN DAN/M<sup>2</sup>, ACCORDING TO WIND LOAD

| PRESSURE   |            | Span (m) | SUCTION    |            |
|------------|------------|----------|------------|------------|
| 2 supports | 3 supports |          | 2 supports | 3 supports |
| 338        | 283        | 1,00     | 338        | 246        |
| 308        | 246        | 1,10     | 308        | 213        |
| 263        | 216        | 1,20     | 282        | 186        |
| 224        | 192        | 1,30     | 260        | 164        |
| 193        | 171        | 1,40     | 242        | 146        |
| 168        | 154        | 1,50     | 224        | 130        |
| 148        | 139        | 1,60     | 197        | 117        |
| 131        | 127        | 1,70     | 168        | 106        |
| 117        | 116        | 1,80     | 142        | 97         |
| 105        | 106        | 1,90     | 120        | 88         |
| 95         | 98         | 2,00     | 103        | 81         |
| 86         | 90         | 2,10     | 89         | 75         |
| 75         | 84         | 2,20     | 78         | 69         |
| 66         | 78         | 2,30     | 68         | 64         |
| 58         | 72         | 2,40     | 60         | 59         |
| 51         | 68         | 2,50     | 53         | 55         |
| 45         | 63         | 2,60     | 47         | 52         |
| 41         | 59         | 2,70     | 42         | 48         |
| 36         | 56         | 2,80     | 38         | 45         |
| 33         | 53         | 2,90     | 34         | 43         |
| 30         | 50         | 3,00     | 31         | 40         |



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

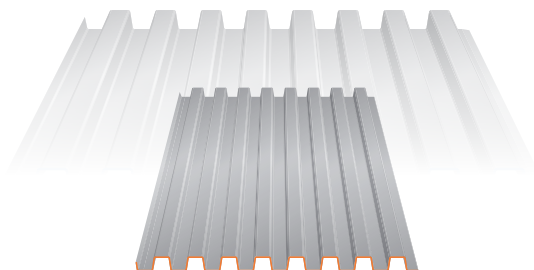
Technical information obtained according to installation requirements for metal cladding from July 2014.

The Cadence 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.

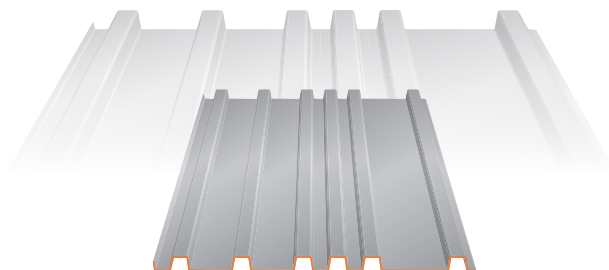




## CADENCE C **MINI** 360



## CADENCE C **MINI** 410



SPAN TABLES IN DAN/M<sup>2</sup>, 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. & + |
| 597        | 597        | 612         | 1.0      | 521        | 478        | 489         |
| 426        | 498        | 510         | 1.2      | 301        | 398        | 408         |
| 269        | 427        | 422         | 1.4      | 190        | 341        | 320         |
| 180        | 327        | 283         | 1.6      | 127        | 299        | 215         |
| 126        | 259        | 198         | 1.8      | 89         | 219        | 151         |
| 92         | 193        | 145         | 2.0      | 65         | 159        | 110         |
| 69         | 145        | 109         | 2.2      | 49         | 120        | 83          |
| 53         | 112        | 84          | 2.4      | 38         | 92         | 64          |
| 42         | 88         | 66          | 2.6      | 30         | 73         | 50          |
| 34         | 70         | 53          | 2.8      | 24         | 58         | 40          |
| 27         | 57         | 43          | 3.0      | 19         | 47         | 33          |

Test report n°R134294625-001-1



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.

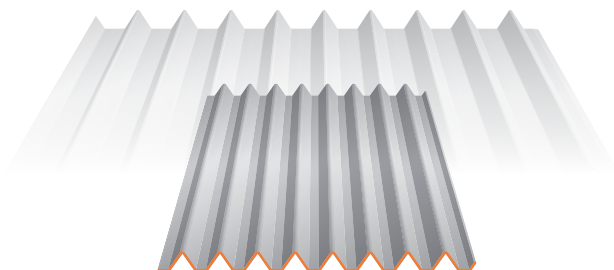
Seismic validation: CSTB DCC/CLC\_12\_229\_1 study report of 02/25/2013

The sheets in the TOYS range are non-structural sheets according to NF EN 14782:2006 standard, according to Professional Recommendations RAGE Cladding from July 2014, not intended to receive PPE anchoring devices according to standard EN 795 over their service life

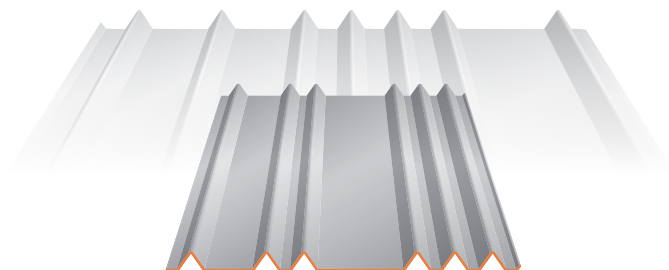
C A D E N C E 2 0 2 5



## CADENCE T **MINI** 400



## CADENCE T **MINI** 450



SPAN TABLES IN DAN/M<sup>2</sup>, 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. & + |
| 659        | 664        | 727         | 1.0      | 420        | 421        | 460         |
| 381        | 554        | 606         | 1.2      | 243        | 351        | 384         |
| 240        | 475        | 416         | 1.4      | 153        | 301        | 319         |
| 161        | 362        | 279         | 1.6      | 103        | 263        | 213         |
| 113        | 254        | 196         | 1.8      | 72         | 232        | 150         |
| 82         | 185        | 143         | 2.0      | 52         | 169        | 109         |
| 62         | 139        | 107         | 2.2      | 39         | 127        | 82          |
| 48         | 107        | 83          | 2.4      | 30         | 98         | 63          |
| 37         | 84         | 65          | 2.6      | 24         | 77         | 50          |
| 30         | 67         | 52          | 2.8      | 19         | 62         | 40          |
| 24         | 55         | 42          | 3.0      | 16         | 50         | 32          |

Test report n°R134661203-001-1



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

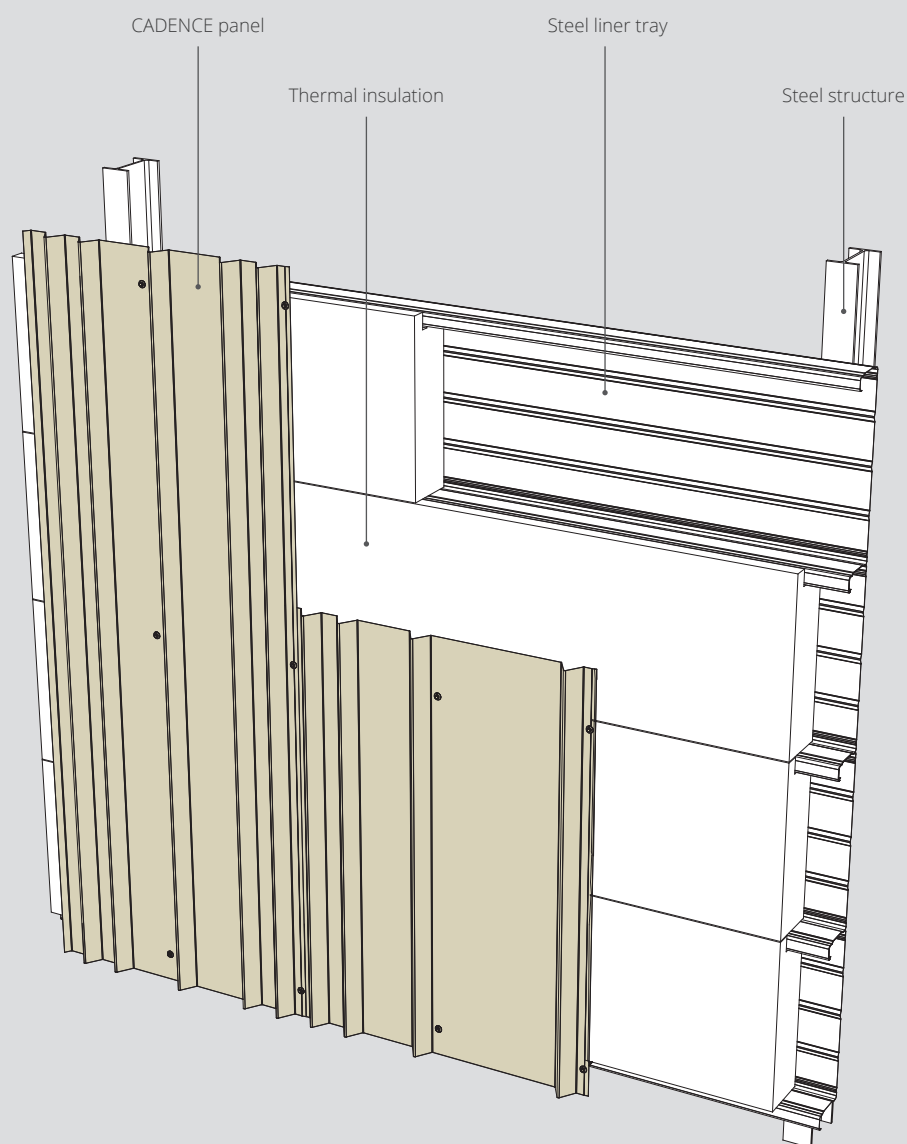
The sheets in the TOYS range are non-structural sheets according to NF EN 14782:2006 standard, according to Professional Recommendations RAGE Cladding from July 2014, not intended to receive PPE anchoring devices according to standard EN 795 over their service life





# INSTALLATION

## VERTICAL APPLICATION

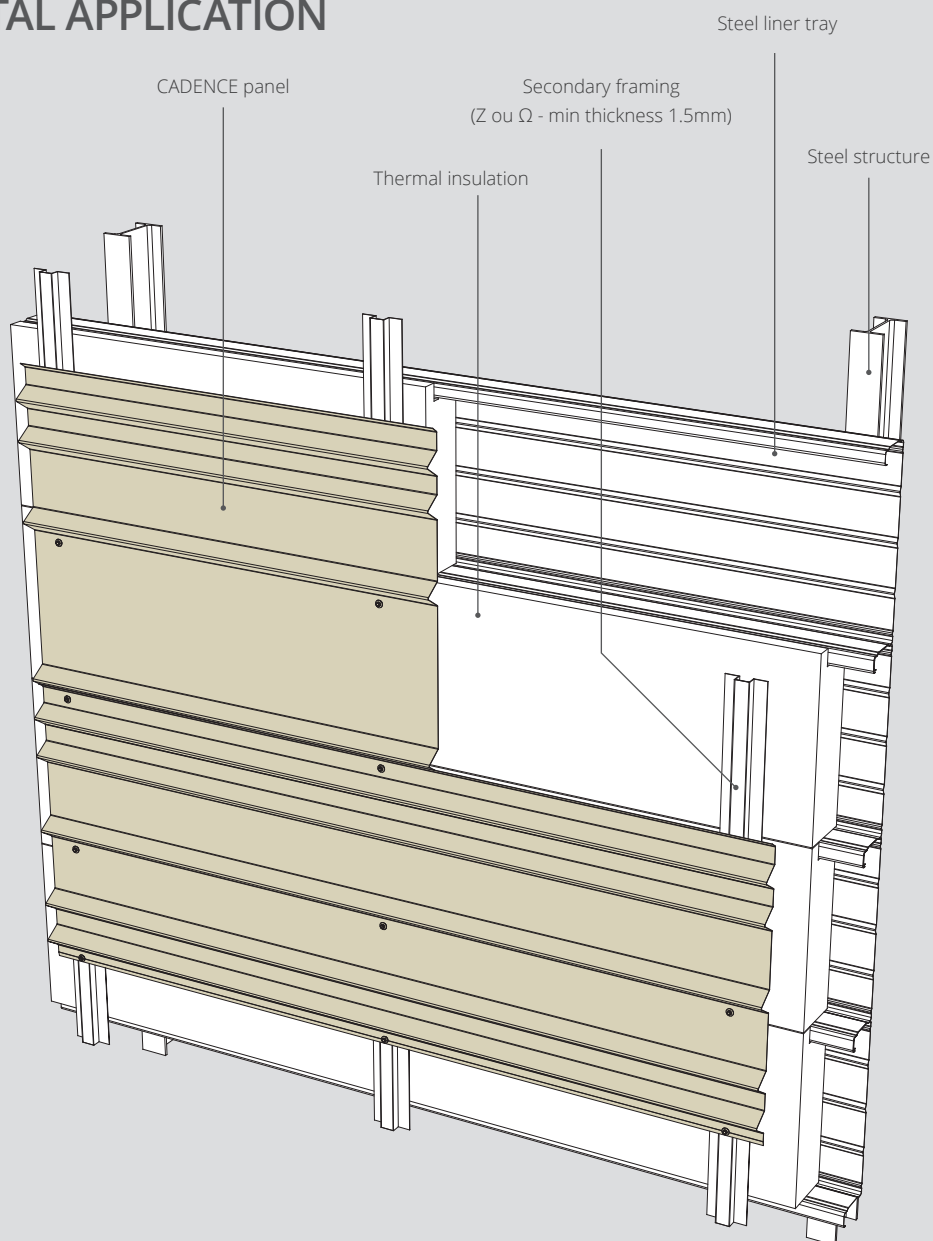


The horizontality of the trays is essential to allow for a flat support and obtain an impeccable facade finish.

Compliance with cladding rules requires fixing at each tray lip. See the «Fixing the panels» section to learn about our recommendations for fixing locations and densities.

The installation of trays refers to the manufacturer's documentation.

## HORIZONTAL APPLICATION



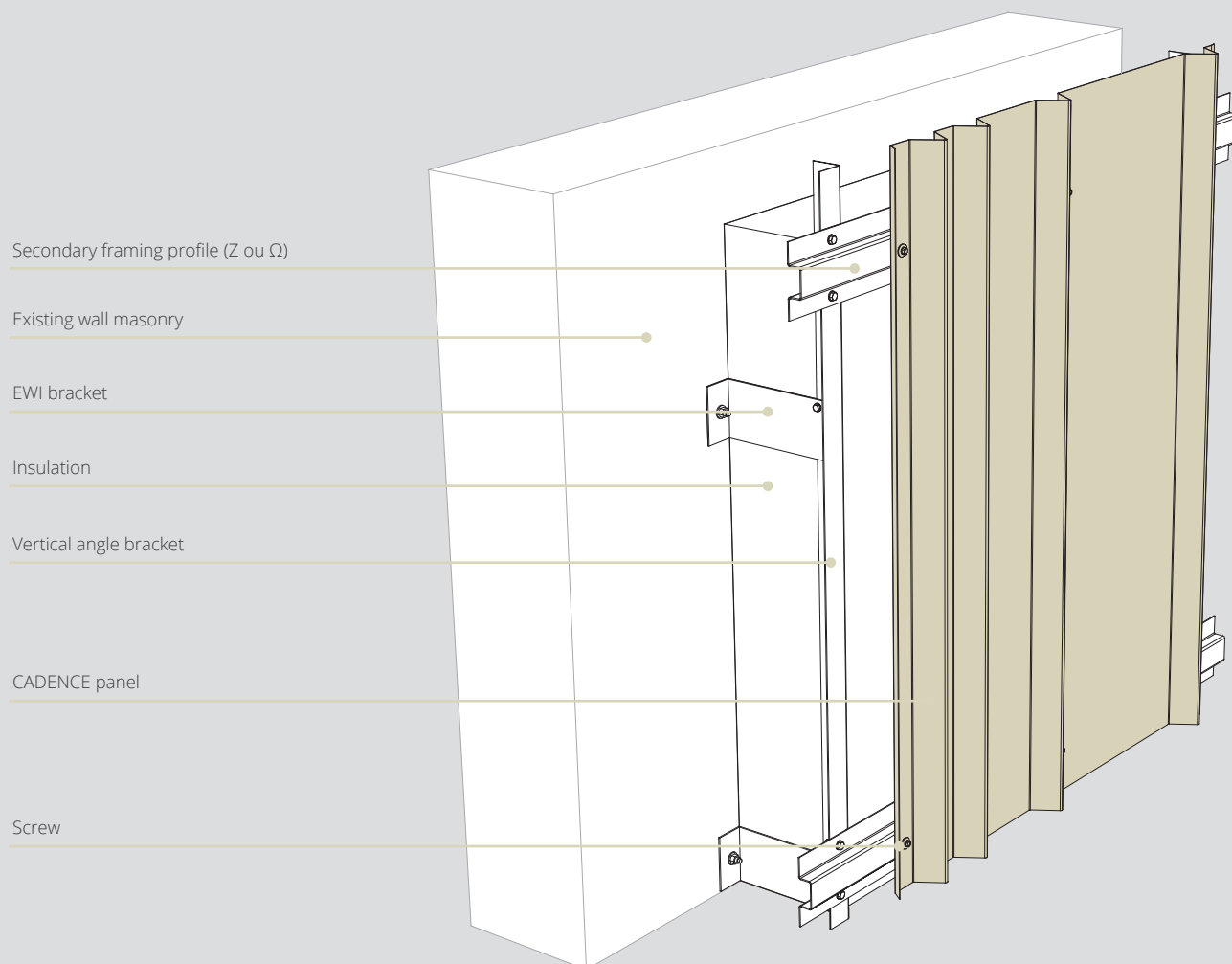
The verticality of the secondary framing profiles (Z or  $\Omega$ ) is essential to obtain an impeccable facade finish.

In any case, the mechanical characteristics of the panels must be verified in addition to aesthetic aspects.

Our design office will assist you in defining the appropriate spacing of omega or Z profiles adapted to your project.



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



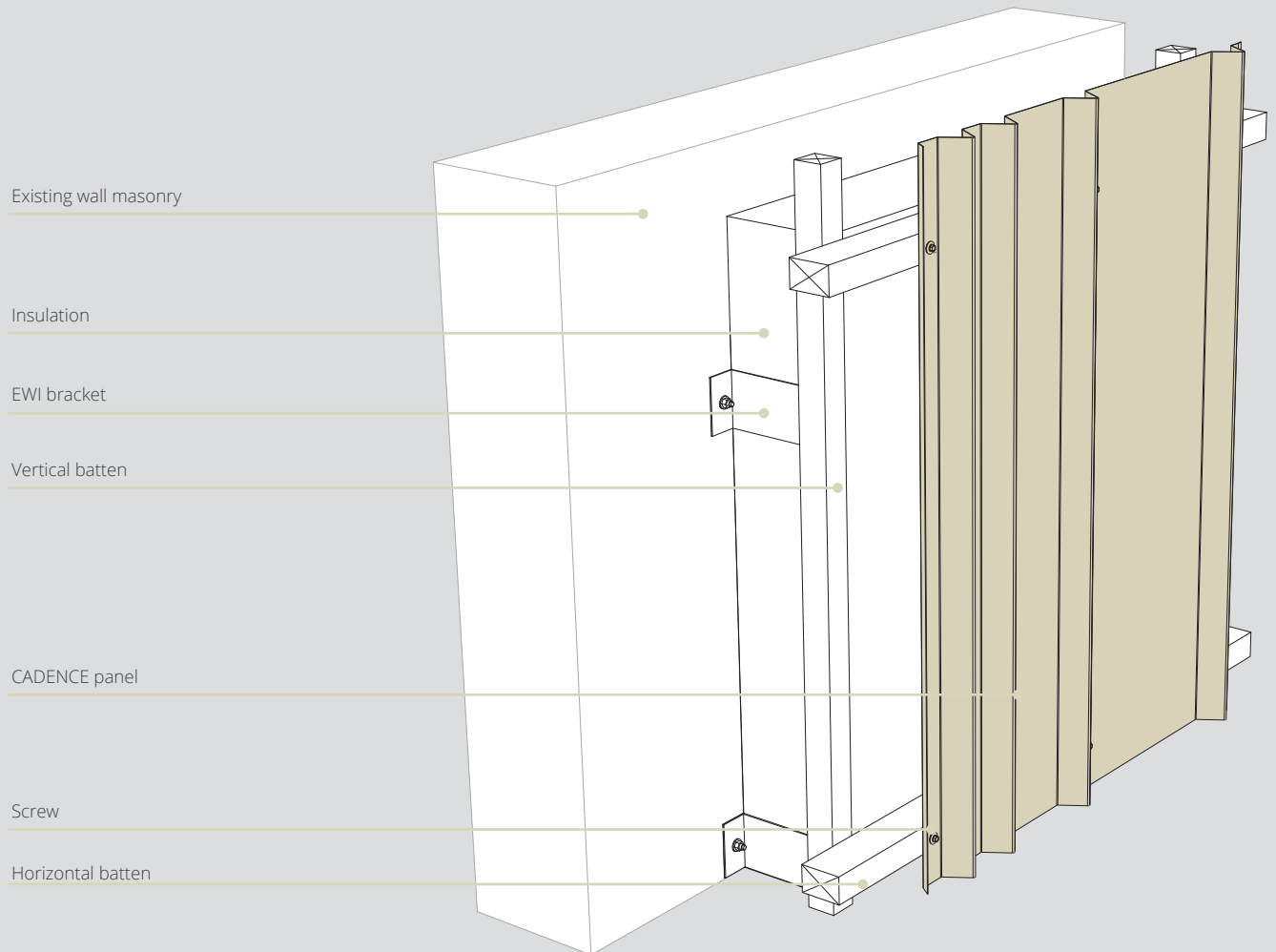
## MASONRY WALLS

The CADENCE system is suitable for EWI (External Wall Insulation) installation.

CADENCE panels will allow you to clad your concrete or masonry walls, and especially to insulate your building and thus contribute to the reduction of energy consumption.

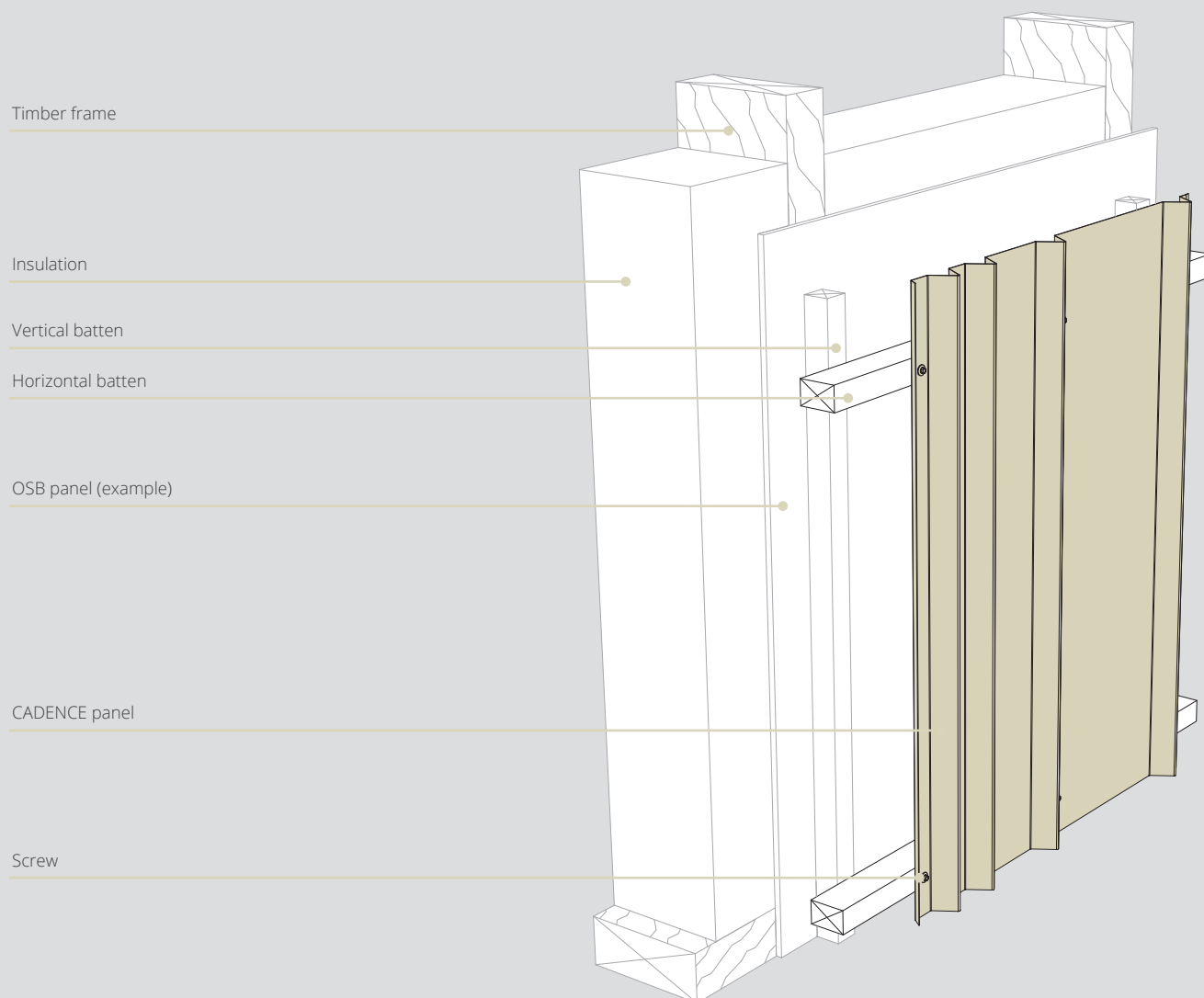
The framework and its installation comply with CSTB 3194 specifications.

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



The framework and its installation comply with CSTB 3316 specifications.

## APPLICATION ON TIMBER FRAME

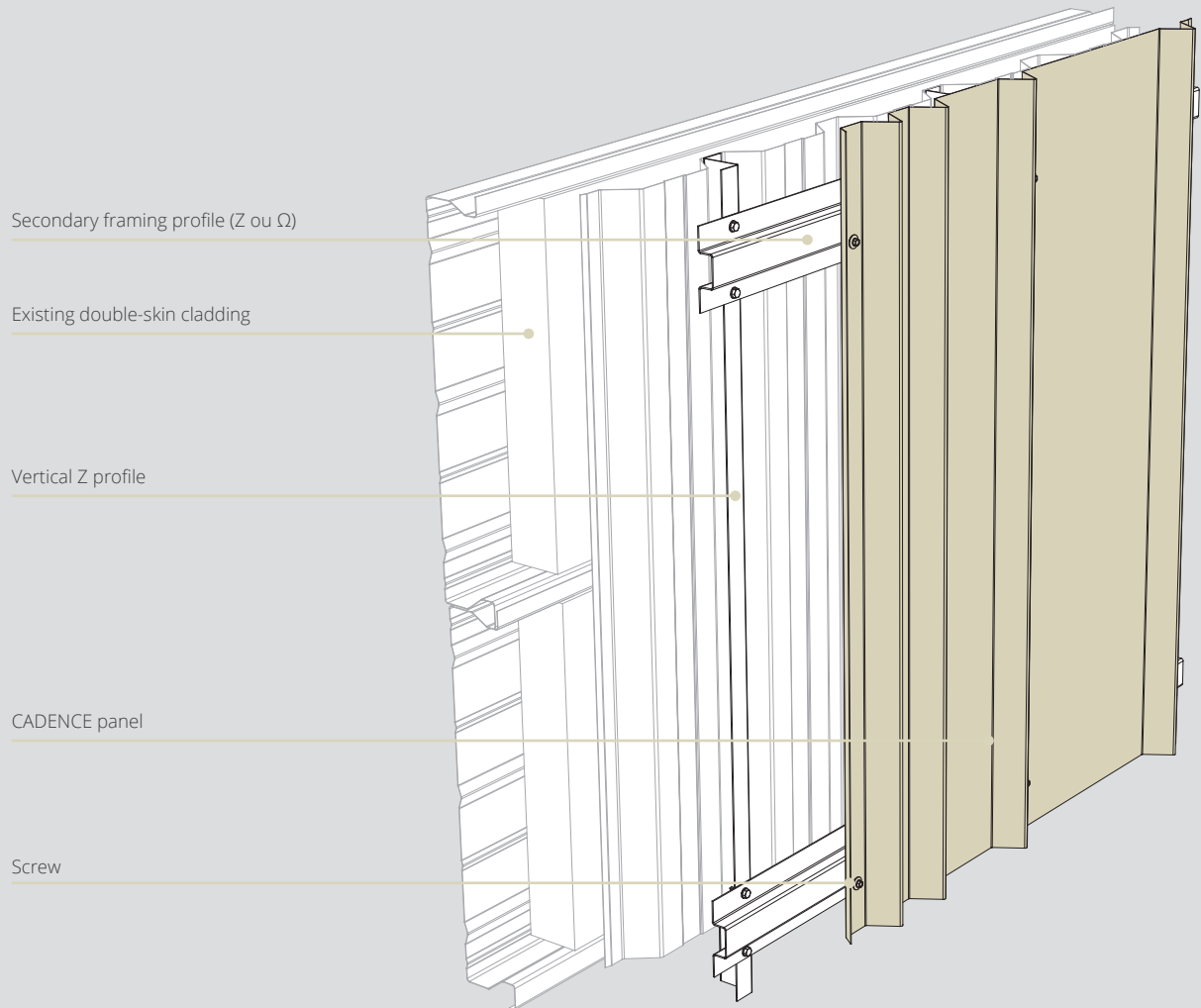


## TIMBER FRAME WALLS

CADENCE panels are suitable for installation on timber frames.  
The framework and its installation comply with CSTB 3316 specifications.



## INSTALLATION ON EXISTING DOUBLE-SKIN CLADDING



### RENOVATING A BUILDING WITHOUT REMOVING THE EXISTING CLADDING

In the case of double-skin cladding where you know the load-bearing capacity (sufficient structure in good condition), a simple secondary framework is sufficient to support the new cladding.

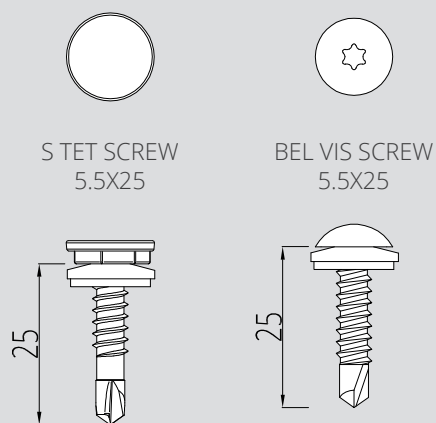
A first frame of vertical «Z» profiles is fixed regularly in the waves of the current cladding. A second frame of secondary framing profiles (Z or Ω), fixed every 400mm, is superimposed to receive the CADENCE panels.

This system will require specific dimensioning.

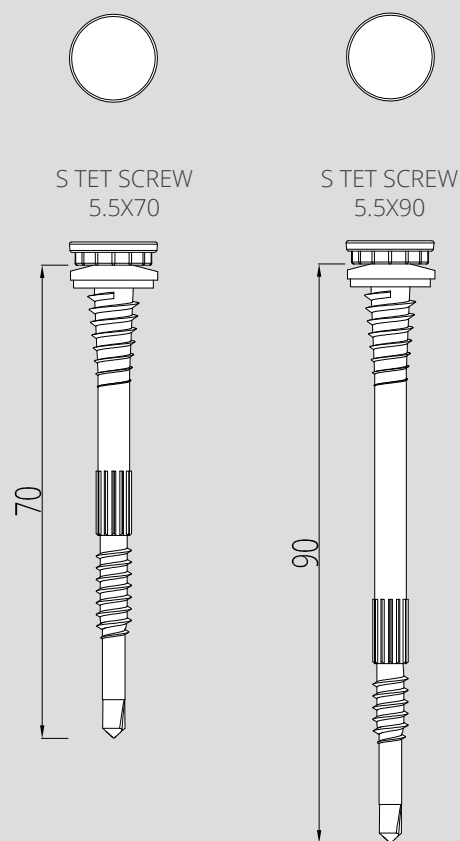
## FIXING THE PANELS

With simplicity in mind, the rhythms of the CADENCE 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.

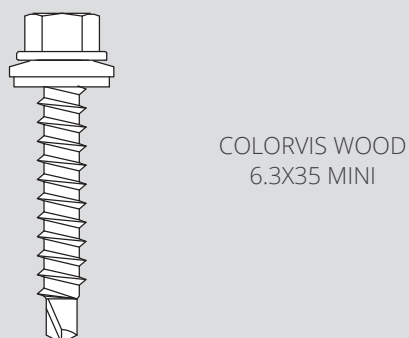
### FIXING ON METAL FRAME



### FIXING FOR DOUBLE-SKIN CLADDING



### FIXING ON TIMBER FRAME



CADENCE range fixings are designed to cover all cases of:

- Single-skin cladding
- Applied cladding
- Traditional double-skin cladding
- Double-skin cladding with thermal break 40mm and 60mm
- Cladding on timber framework

# INSTALLATION

S TET SCREW HEAD



BEL VIS SCREW HEAD



Available in the RAL color  
of your choice

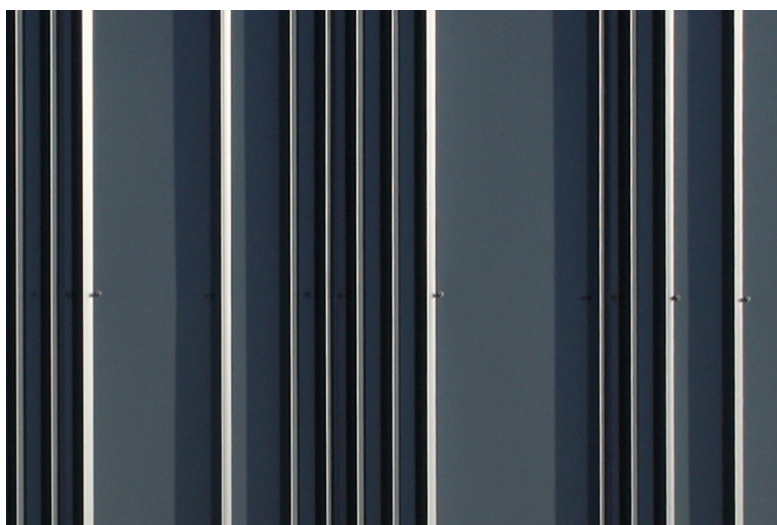


S TET HEADS are screwed using a specific tool,  
available from ATELIERS 3S.

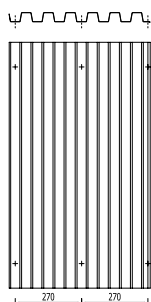
## SCREWING PATTERN FOR CADENCE PANELS

Fix the panels with precision, respect the rhythm of the ribs and coexist in the overall vision, the mission of the screws of the CADENCE range is essential.

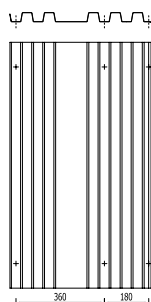
ATELIERS 3S offers you, for each panel model, a technical optimization with minimal aesthetic impact. By placing the screws as close as possible to the ribs, they are concealed by the shadow of the wave and are more discreet. They also benefit from their rigidity. Particular attention must be paid to the tightening torque of screws located in flat areas to avoid any deformation of the facing.



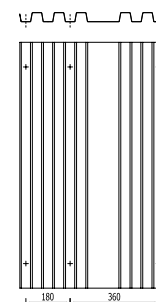
**CADENCE C1** 540C 6



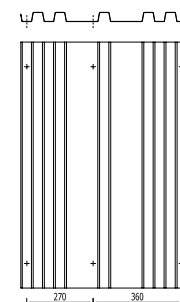
**CADENCE C2** 540C 2.3



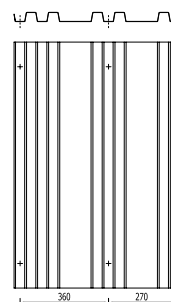
**CADENCE C3** 540C 3.2



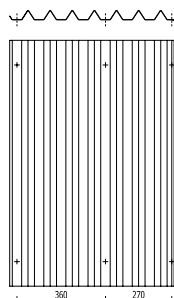
**CADENCE C4** 630C 2.1.2



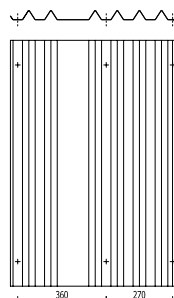
**CADENCE C5** 630C 2.2.1



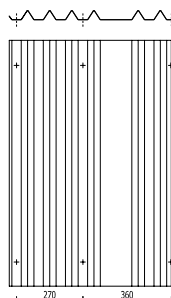
**CADENCE T1** 630T 7



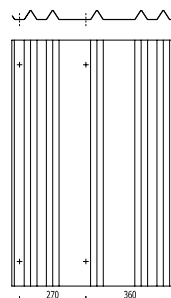
**CADENCE T2** 630T 2.4



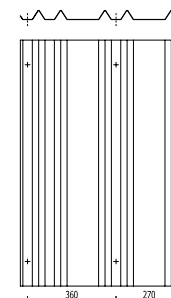
**CADENCE T3** 630T 4.2



**CADENCE T4** 630T 2.1.2



**CADENCE T5** 630T 2.2.1

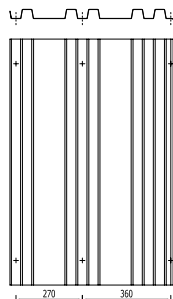




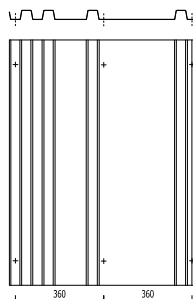
## SCREWING PATTERN FOR CADENCE PANELS



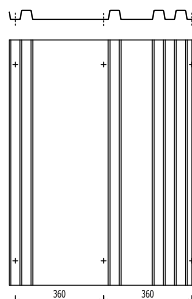
**CADENCE C6** 630C 1.2.2



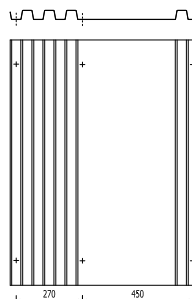
**CADENCE C7** 720C 2.1.1



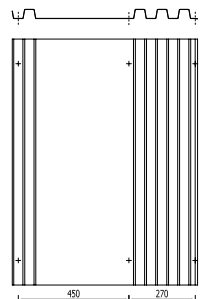
**CADENCE C8** 720C 1.1.2



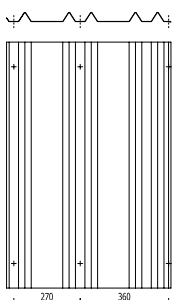
**CADENCE C9** 720C 3.1



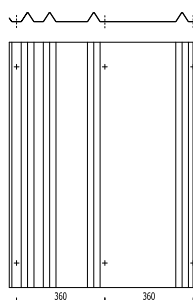
**CADENCE C10** 720C 1.3



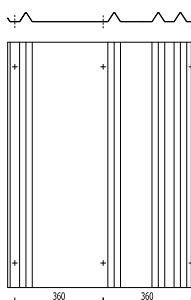
**CADENCE 630T** 1.2.2



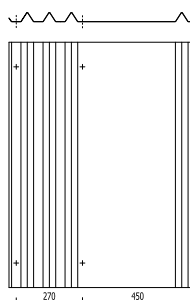
**CADENCE 720T** 2.1.1



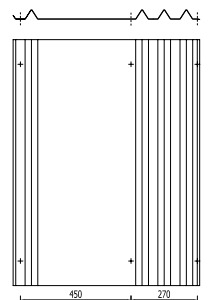
**CADENCE 720T** 1.1.2



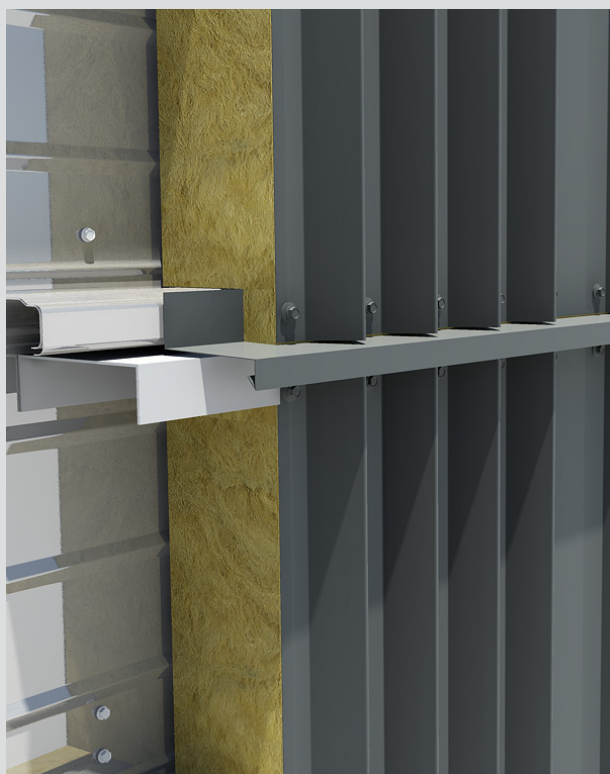
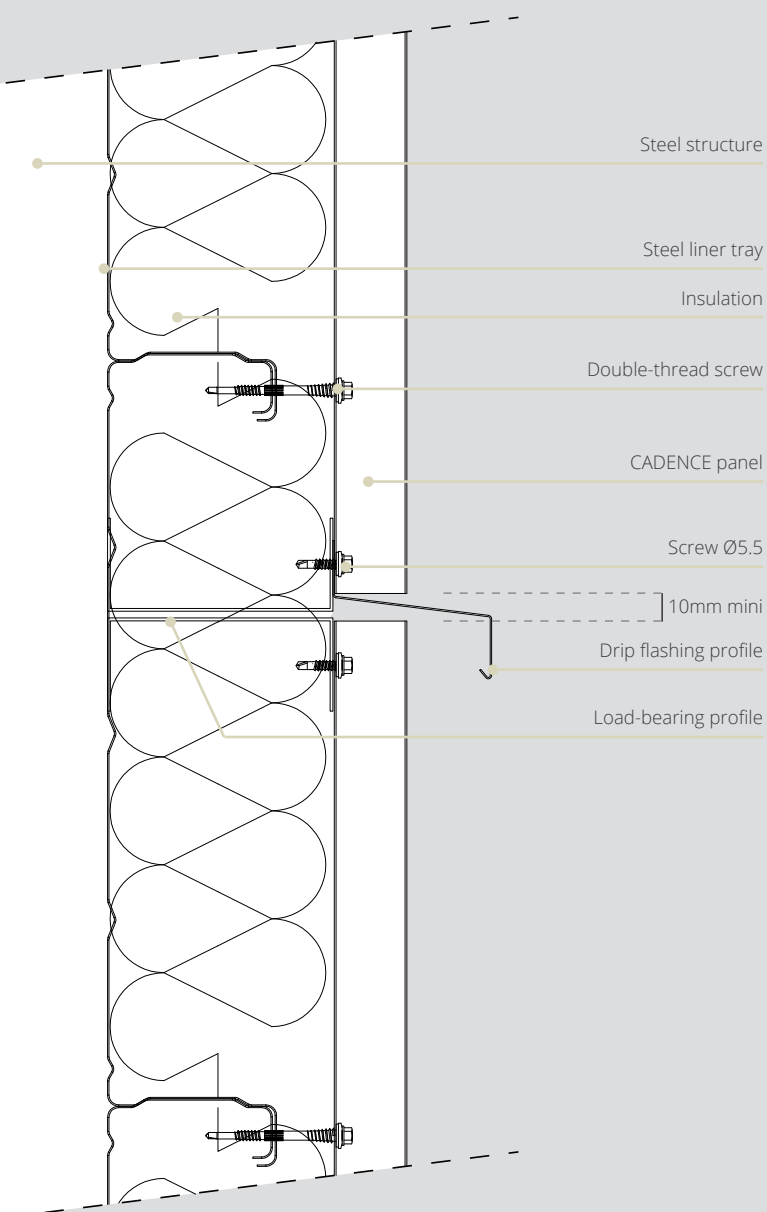
**CADENCE 720T** 3.1



**CADENCE 720T** 1.3



## HORIZONTAL EXPANSION JOINT

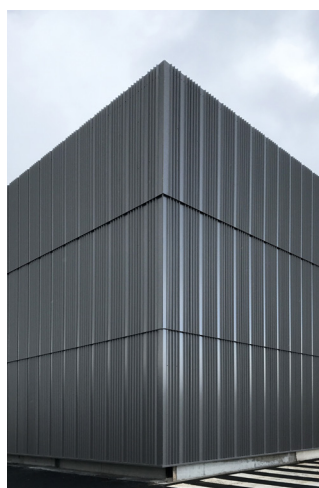


CADENCE panel dimensions :

**Maximum length : 8000mm**

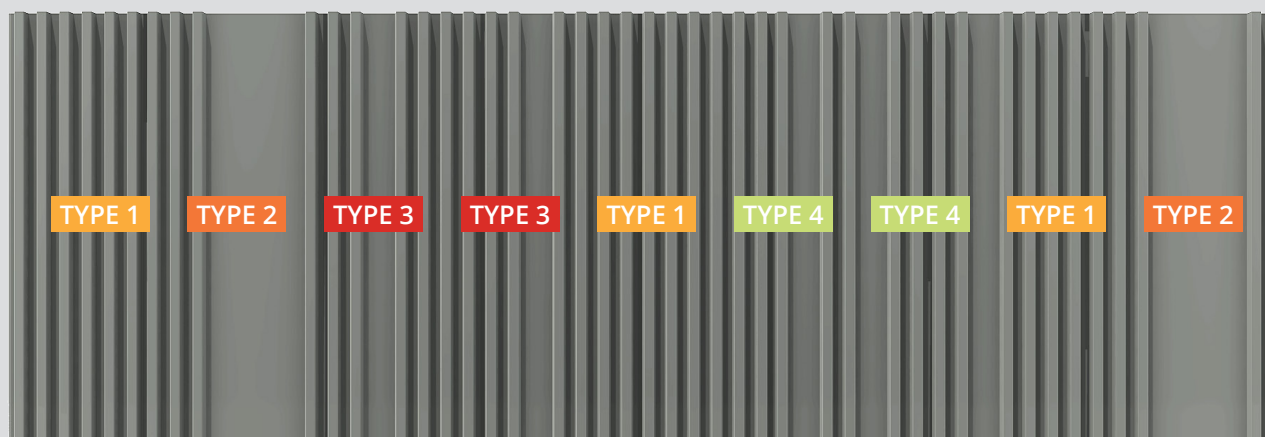
In the case of high facades, several panels in height will be necessary to cover the facade. We advise installing a drip flashing between each level of panels to ensure perfect waterproofing.

Tip: This flashing can be a way to play with patterns, by offsetting the panels from one level to another.

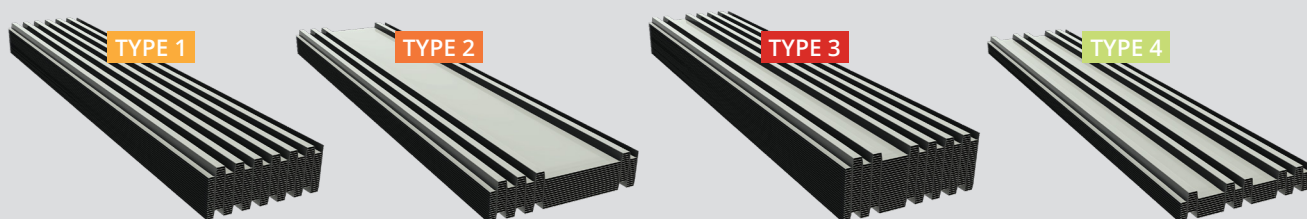


## PACKAGING

Identification of panel models that make up the facade



Delivery of panels in packages of identical models



A CADENCE facade is even better with a well-paced installation.

To facilitate model identification, we offer by default packaging both by panel type and by facade.

We can also assist you in creating a layout diagram to facilitate reading the installation order.







# FINISHING PROFILES



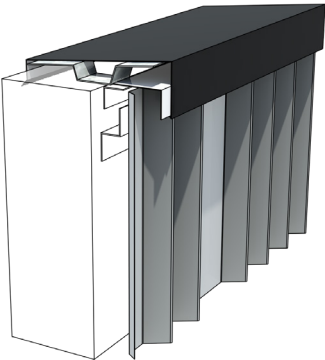
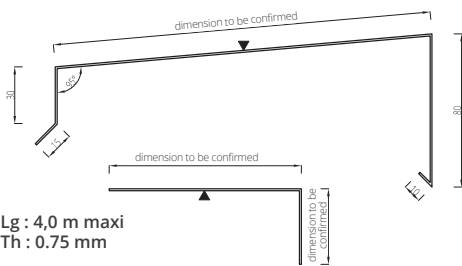
Beyond the aesthetic quality of its cladding panels, a successful metal facade requires precise and well-designed finishing profiles. ATELIERS 3S takes particular care to offer discreet elements that connect with the styles of the associated cladding.

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

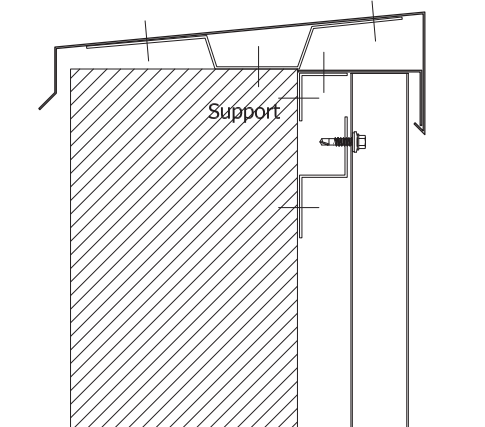
No matter how precise your installation is, finishing profiles will always be custom-made elements. Please don't hesitate to provide us with your exact dimensions and any other installation drawings.

# FINISHING PROFILES

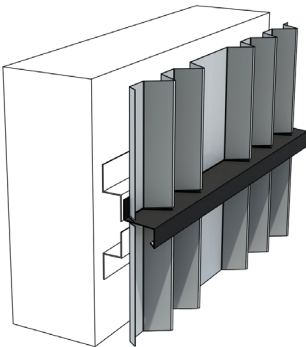
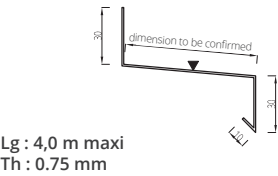
## FACADE TOP



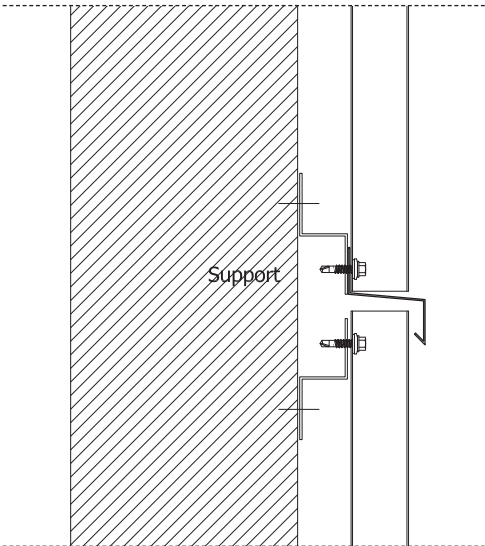
## COPING



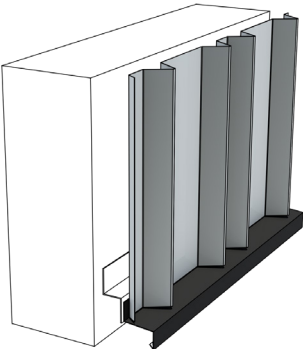
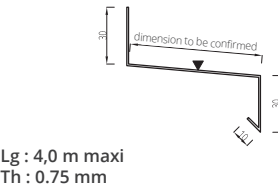
## JUNCTION



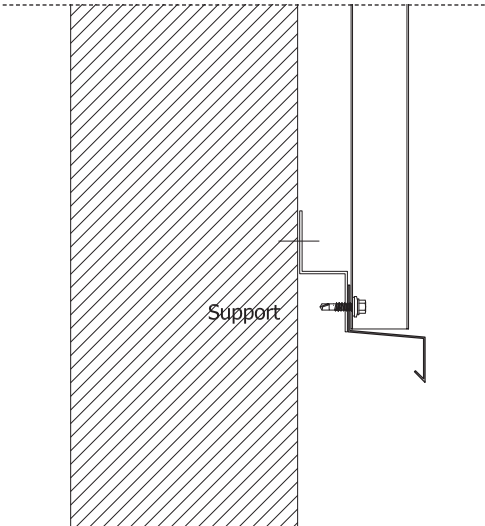
## DRIP EDGE VERTICAL APPLICATION



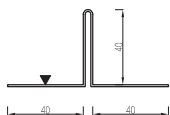
## FACADE BOTTOM



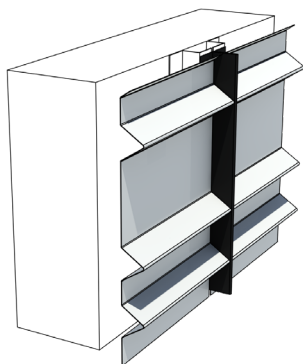
## DRIP



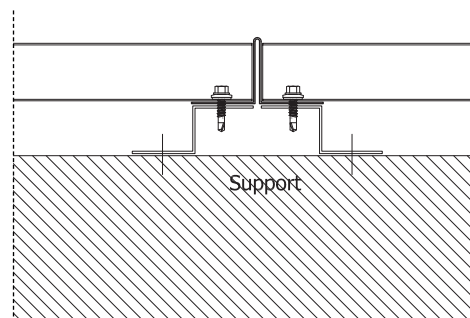
## JUNCTION



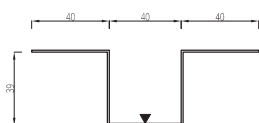
Lg : 4,0 m maxi  
Th : 0.75 mm



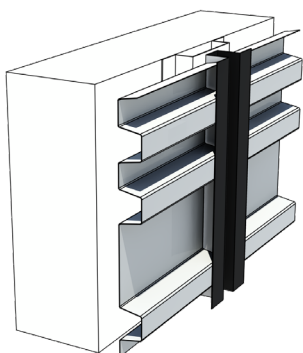
### PIN JOINT HORIZONTAL APPLICATION



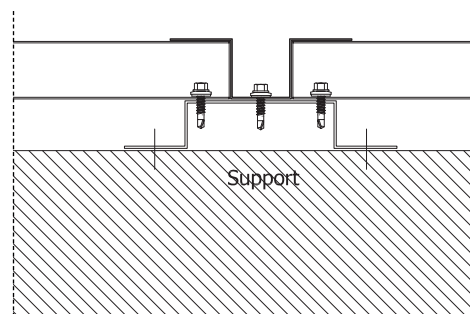
## JUNCTION



Lg : 4,0 m maxi  
Th : 0.75 mm



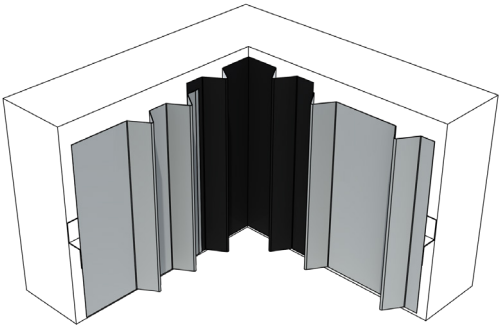
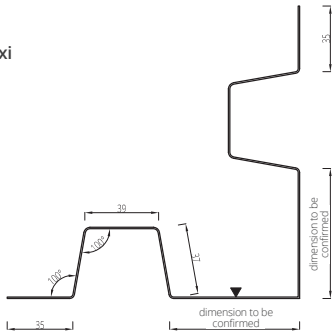
### HOLLOW JOINT HORIZONTAL APPLICATION



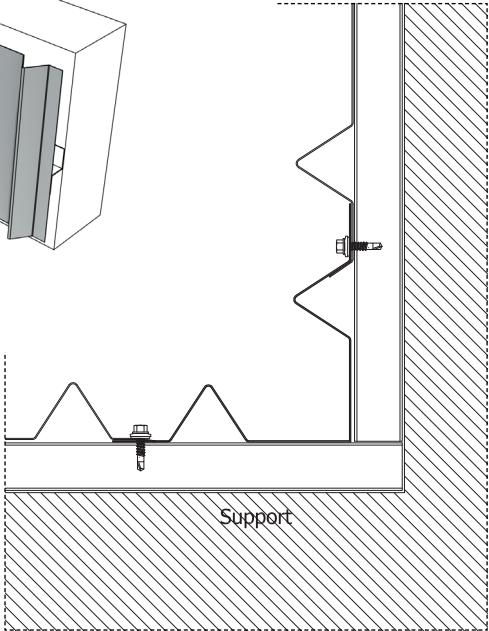
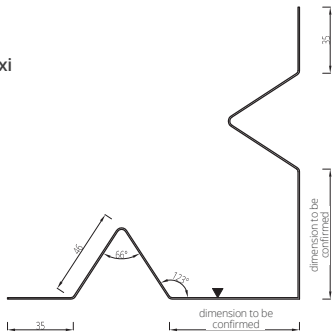
INSIDE CORNER

VERTICAL APPLICATION

Lg : 4,0 m maxi  
Th : 0.75 mm



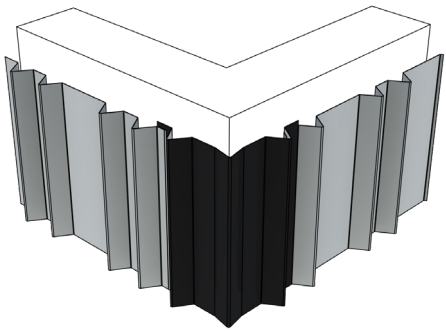
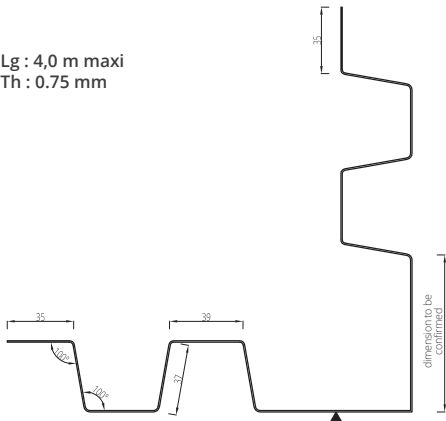
Lg : 4,0 m maxi  
Th : 0.75 mm



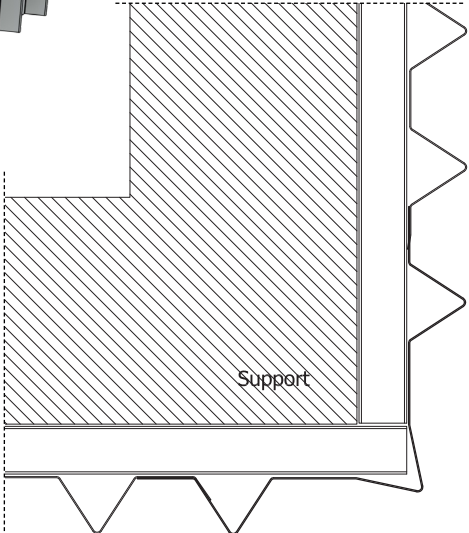
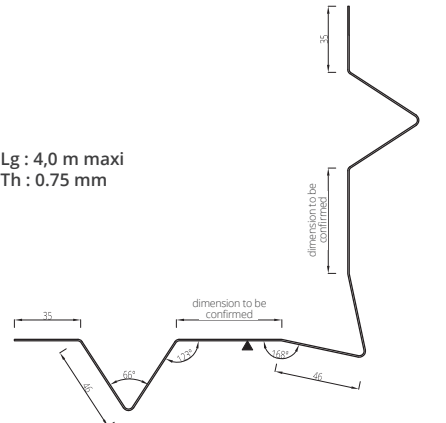
OUTSIDE CORNER

VERTICAL APPLICATION

Lg : 4,0 m maxi  
Th : 0.75 mm



Lg : 4,0 m maxi  
Th : 0.75 mm



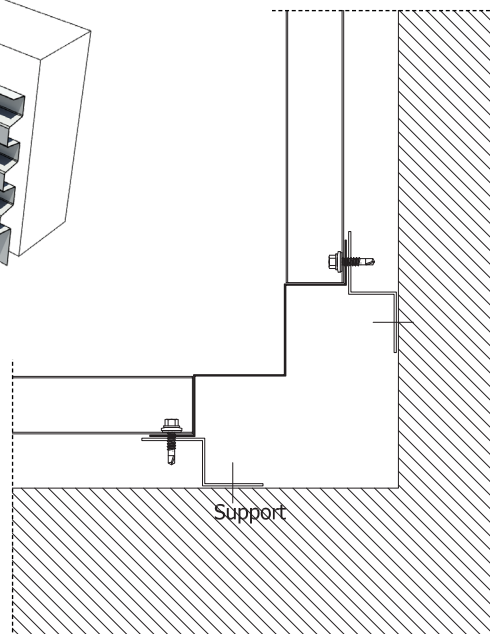
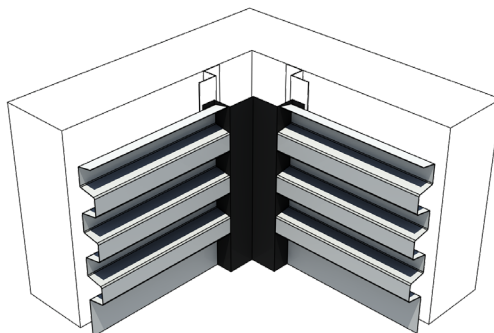
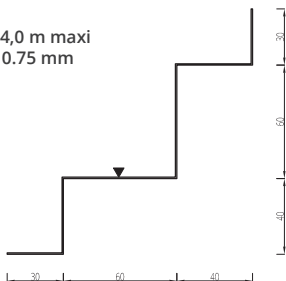


# FINISHING PROFILES

## INSIDE CORNER

### HORIZONTAL APPLICATION

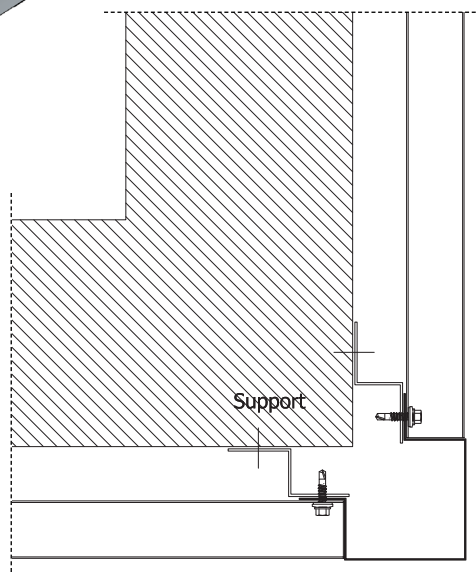
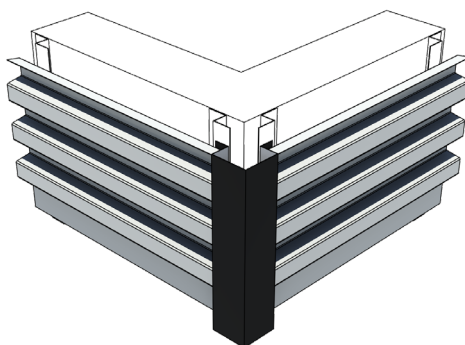
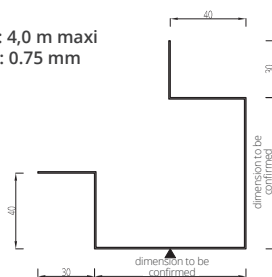
Lg : 4,0 m maxi  
Th : 0.75 mm



## OUTSIDE CORNER

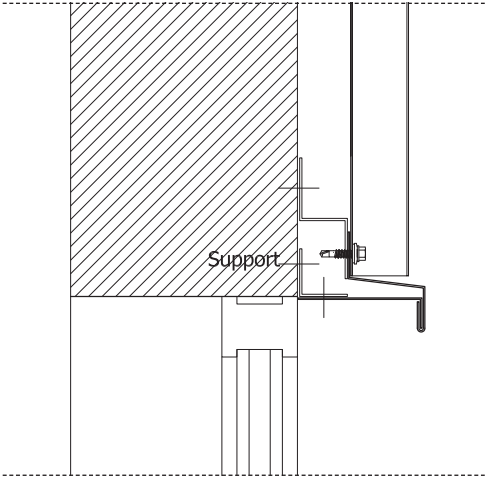
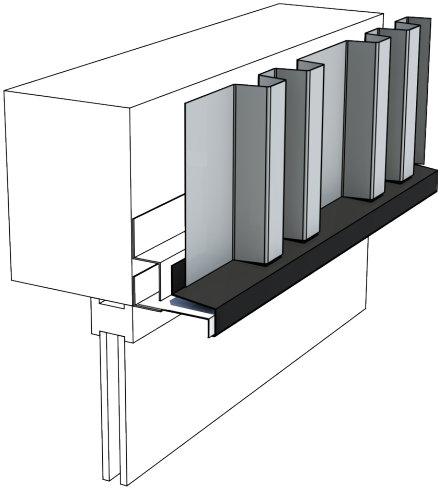
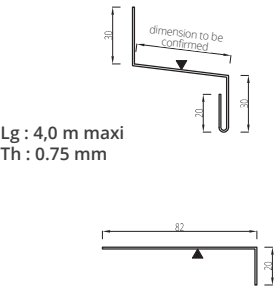
### HORIZONTAL APPLICATION

Lg : 4,0 m maxi  
Th : 0.75 mm



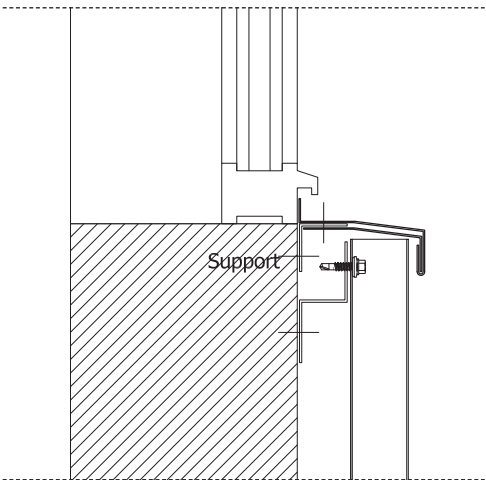
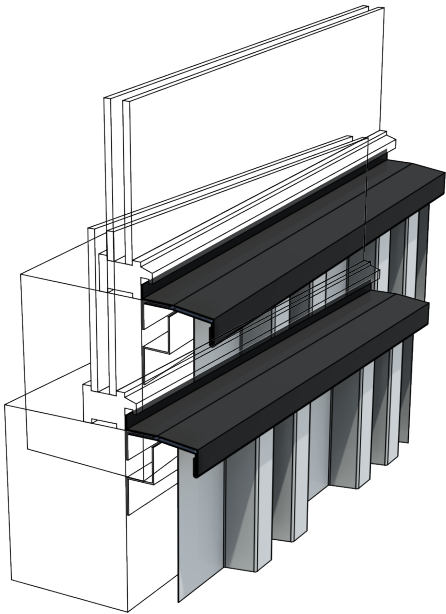
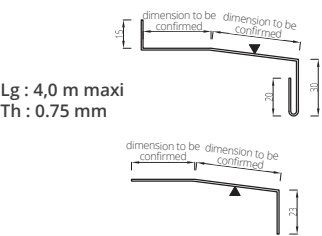
OPENING

LINTEL



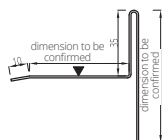
OPENING

SILL

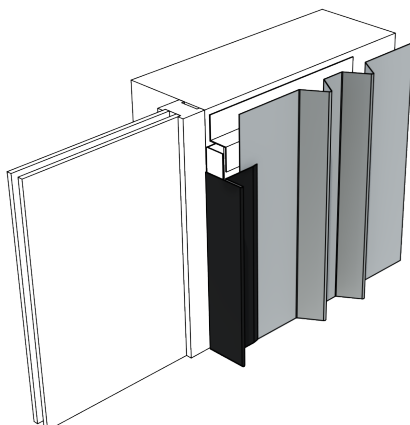


## FINISHING PROFILES

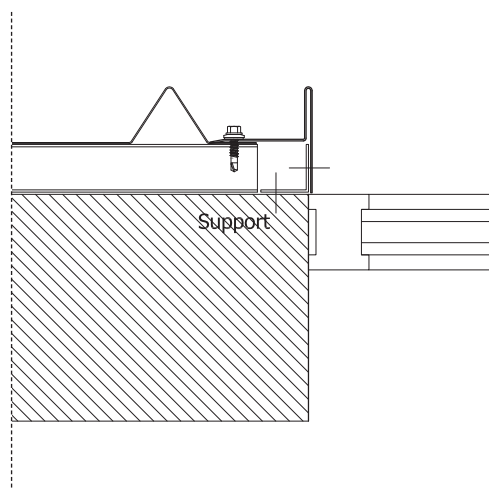
## OPENING



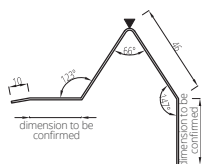
Lg : 4,0 m maxi  
Th : 0.75 mm



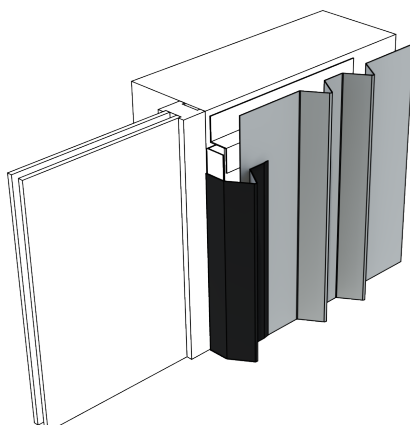
## PIN TYPE JAMB



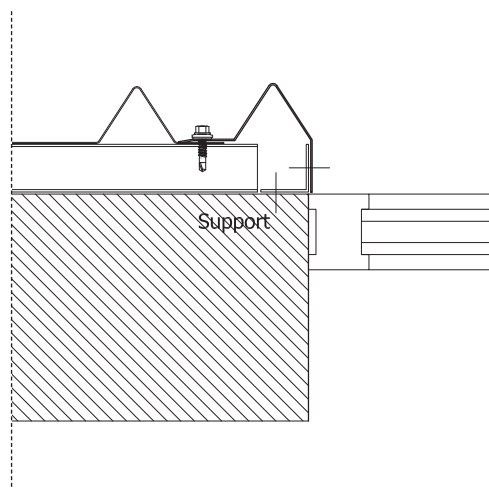
## OPENING



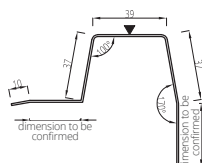
Lg : 4,0 m maxi  
Th : 0.75 mm



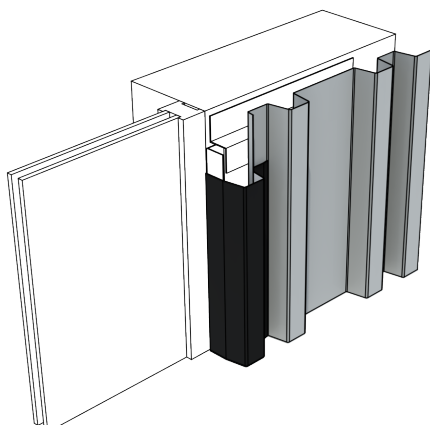
### TRIANGLE TYPE JAMB



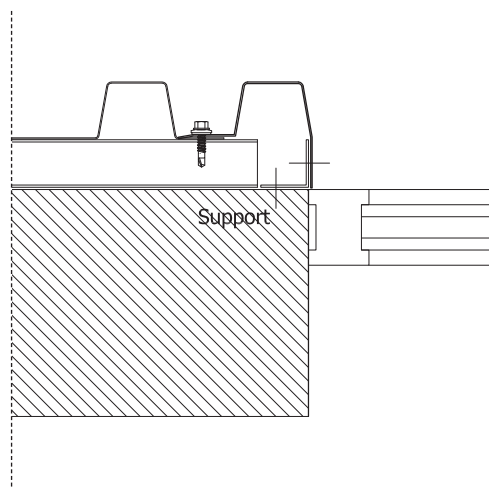
## OPENING



Lg : 4,0 m maxi  
Th : 0.75 mm



### SQUARE TYPE JAMB

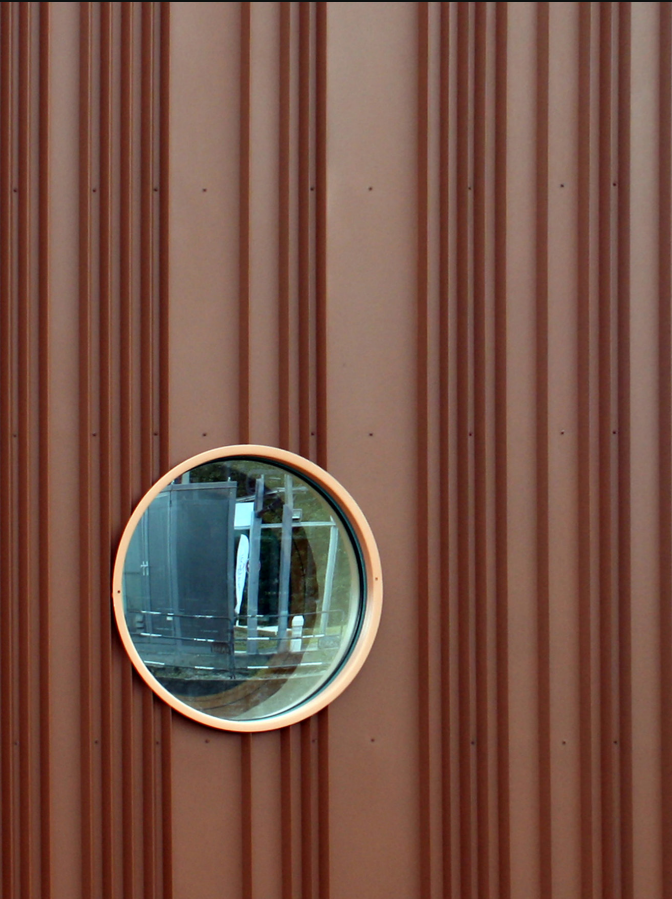






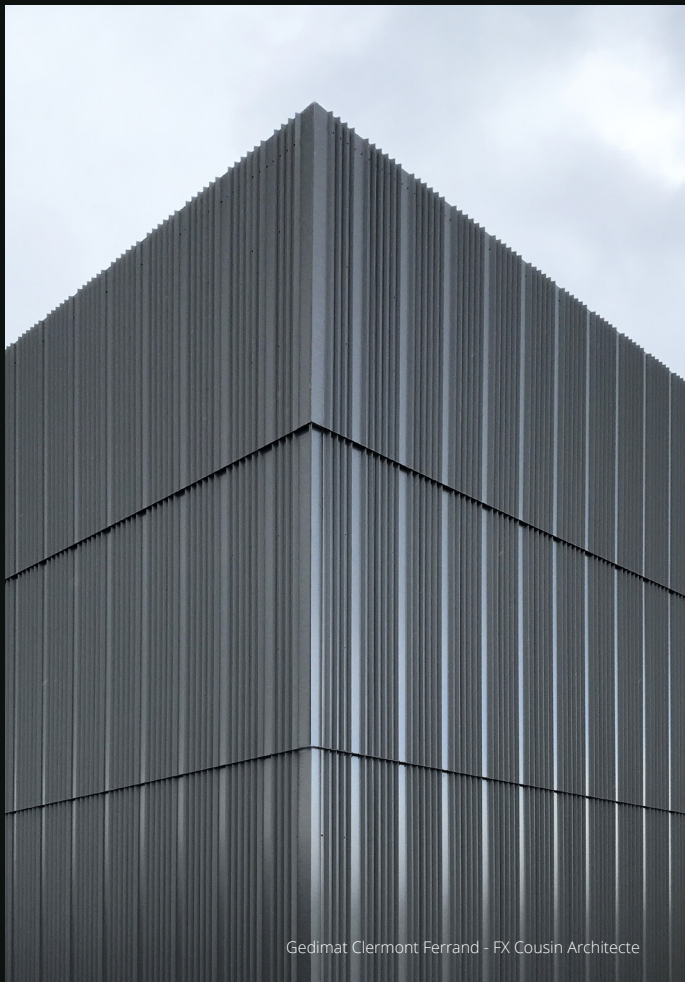


# PROJECTS GALLERY

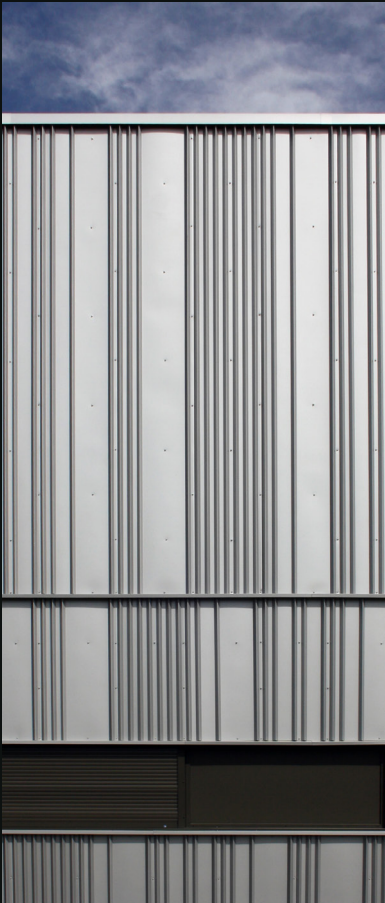




# PROJECTS GALLERY















Regard sur la ville - PETITDIDIERPRIoux architectes - Lyon 7





Crédit Agricole Saint-Etienne - P2A architecture





MAFELEC - SOHO architectes - Genas (69)











# COLOR CHART



## Colours and materials **used**

### ORIGINAL

Available in  
0.75 mm

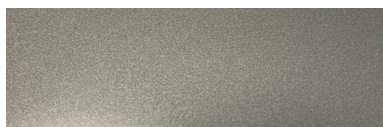
Exclusive, ultra resistant colours that meet the requirements of the 3S® range.

#### METALLIC



METAL 0207

35µm



PEARL 0208

35µm



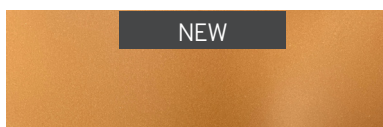
PLATINUM 0206

35µm



INTENSE GOLD 6995

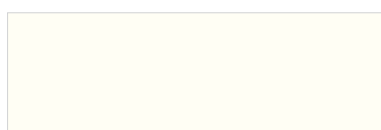
35µm



COPPER 0603

35µm

#### SATIN



COTTON 0201

35µm



RAL 5008 - OCEAN

35µm



DUVET 0202

35µm



RAL 7032 - SILEC GREY

25µm



POWDER 0203

35µm



RAL 7022 - EGGSHELL

35µm



RAL 7037

25µm



POP 0204

35µm



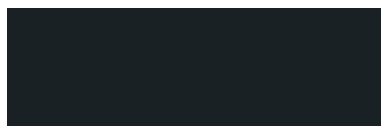
RAL 7016 - ANTHRACITE GREY

25µm



SPRING 0205

35µm



RAL 7021 - BLACK GREY

25µm



RAL 9005 - DEEP BLACK

25µm



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

## Colours and materials **used**

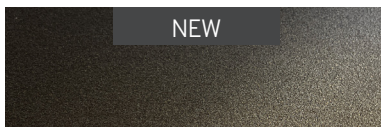
### MATERIALS

Coatings that are as fabulous as the materials.

Available in  
0.75 mm



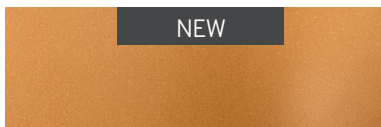
OXYDE 0602 35µm



DARK BRONZE 0604 50µm



INTENSE GOLD 6995 35µm

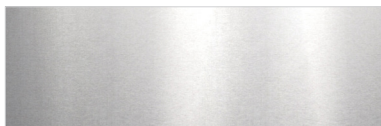


COPPER 0603 35µm

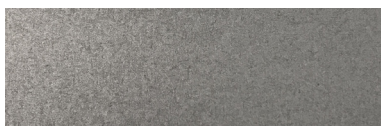
### ROUGH

Reveal the nobility of raw materials.

Available in  
0.75 mm



STAINLESS STEEL 0302  
Shiny

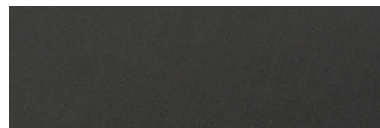


SURFACE GRAIN 0301  
Galvanized steel with high-precision grain

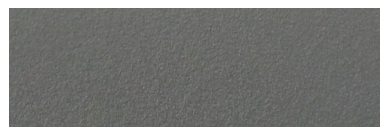
### ZINC SPIRIT

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

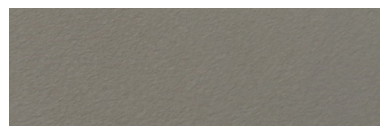
Available in  
1.00 - 0.75 mm



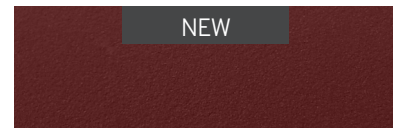
NERRO 0104 50µm



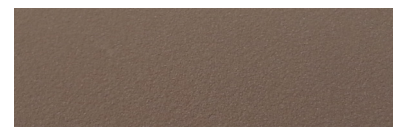
GALEO 0103 50µm



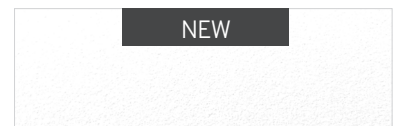
AZURO 0102 50µm



VINO 0106 50µm



VOLCANO 0101 50µm



BIANCO 0105 50µm

### ONWOOD

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

Available in  
0.75 mm



SILVER TECK (BLACK BANDS) 0409 47µm



SILVER TECK (ALL WOOD) 0408 47µm



NATURAL OAK (BLACK BANDS) 0406 47µm  
Also available in 0.63 mm  
0416 (MINI)  
0426 (MAXI)



NATURAL OAK (ALL WOOD) 0403 47µm



HAZELNUT OAK (BLACK BANDS) 0405 47µm



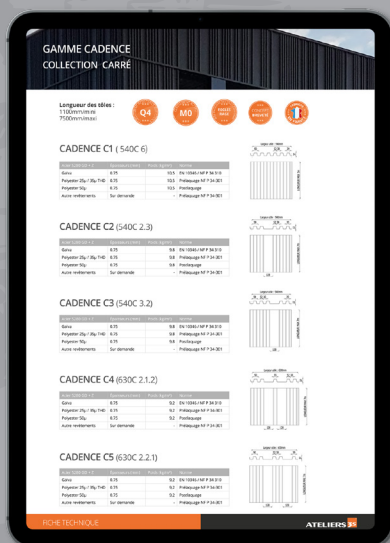
HAZELNUT OAK (ALL WOOD) 0402 47µm



COFFEE OAK (BLACK BANDS) 0407 47µm



COFFEE OAK (ALL WOOD) 0404 47µm



- TECHNICAL DATASHEETS
- INSTALLATION INSTRUCTIONS
- GUIDES TO FINISHING FOLDS
- CCTP (SPECIAL TECHNICAL SPECIFICATIONS)
- FILES DWG, BIM, SKETCHUP
- ETC.

Find us at:  
[www.ateliers3s.com](http://www.ateliers3s.com)



**SCREWIT OUR SHOWROOM**

100 AVENUE DAUMESNIL 75012 PARIS - FRANCE

GRUPE



**FIMAVI**



C A D E N C E 2 0 2 5

**ATELIERS**   
metal cladding creators

Rue verte, ZI Ladoux - F-63118 Cébazat - France  
T. +33(0)4 73 88 59 50  
contact@ateliers3s.com - [www.ateliers3s.com](http://www.ateliers3s.com)