

RELIEF RANGE

POINT®

REGISTERED
DESIGNS

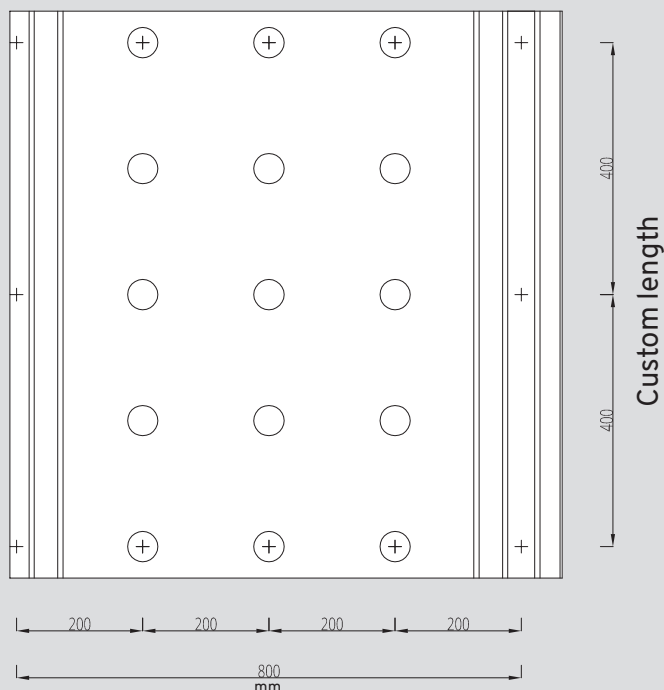
30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE



Discover the colors
available in the
**ATELIERS 3S COLOR
CHART**

The RELIEF range panels are non-structural sheets according to NF EN 14782:2006 standard and Professional Recommendations, not intended to receive PPE anchoring devices according to EN 795 standard or lifeline systems.

POINT® 800 PROFILEE

Steel S280 GD + Z	Thickness (mm)	Standard
Polyester 35μ THD	0.75	Coil coating EN 10169
Other coating	Upon request	

Thickness (mm)	Weight (kg/m²)
0.75	7.58

Panel length : 1300mm/mini 7300mm/maxi

ALLOWABLE LOAD TABLE IN daN/m², BASED ON SPAN LENGTHS

Deflection limit criterion taken into account: 1/200th according to professional recommendations (RAGE) under wind load calculated according to NV65 (in french)

PRESSURE		Span	SUCTION	
2 supports	3 supports		2 supports	3 supports
0.75	0.75	m	0.75	0.75
114	156	2.00	86	127
104	144	2.10	77	115
94	133	2.20	69	105
87	121	2.30	59	96
79	110	2.40	52	87
71	101	2.50	45	80
63	92	2.60	40	74
57	85	2.70	35	69
51	79	2.80	31	64
	74	2.90		59
	69	3.00		56

**BUREAU
VERITAS**

TEST REPORT

N° 2643717/1A

Bending tests according to NF P 34-503 of November 1995

Professional rules for the manufacture and installation of metal cladding of January 1981 - 2nd edition

Seismic validation:
Study report DCC/CLC-12_229_1
from CSTB dated 25/02/2013

ATELIERS 3S

RELIEF RANGE

PERSIENNE®

REGISTERED
DESIGNS

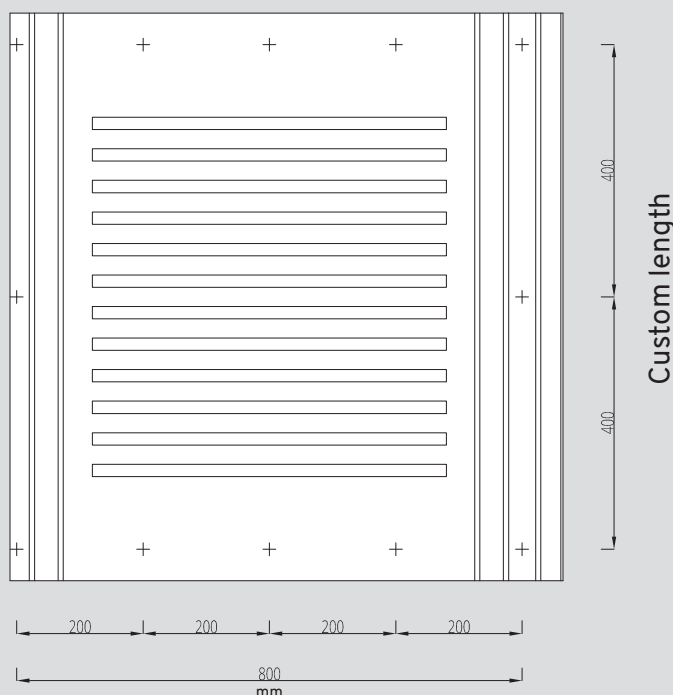
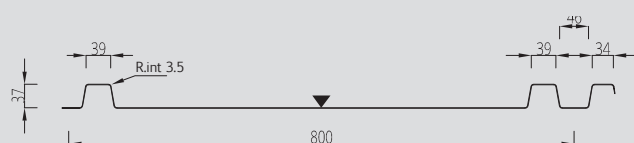
30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

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PERSIENNE® 800 PROFILEE

Steel S280 GD + Z	Thickness (mm)	Standard
Polyester 35μ THD	0.75	Coil coating EN 10169
Other coating	Upon request	

Thickness (mm)	Weight (kg/m²)
0.75	7.58

Panel length : 1300 mm/mini 7300 mm/maxi

ALLOWABLE LOAD TABLE IN daN/m², BASED ON SPAN LENGTHS

Deflection limit criterion taken into account : 1/200th according to professional recommendations (RAGE) under wind load calculated according to NV65

PRESSURE		Portées d'utilisation	SUCTION	
2 supports	3 supports		2 supports	3 supports
0.75	0.75	m	0.75	0.75
114	156	2.00	86	127
104	144	2.10	77	115
94	133	2.20	69	105
87	121	2.30	59	96
79	110	2.40	52	87
71	101	2.50	45	80
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Professional rules for
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Seismic validation:
Study report DCC/CLC-
12_229_1
from CSTB dated
25/02/2023

ATELIERS 3S

RELIEF RANGE

VEGETAL®

REGISTERED
DESIGNS

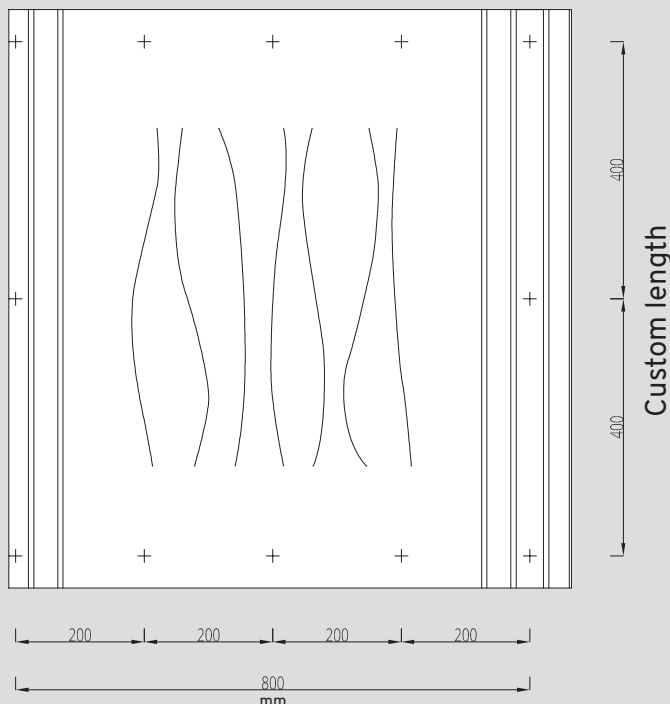
30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

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CHART**

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VEGETAL® 800 PROFILEE

Steel S280 GD + Z	Thickness (mm)	Standard
Polyester 35μ THD	0.75	Coil coating EN 10169
Other coating	Upon request	

Thickness (mm)	Weight (kg/m²)
0.75	7.58

Panel length : 1300mm/mini 7300mm/maxi

ALLOWABLE LOAD TABLE IN daN/m², BASED ON SPAN LENGTHS

Deflection limit criterion taken into account: 1/200th according to professional recommendations (RAGE) under wind load calculated according to NV65

PRESSURE		Portées d'utilisation	SUCTION	
2 supports	3 supports		2 supports	3 supports
0.75	0.75	m	0.75	0.75
114	156	2.00	86	127
104	144	2.10	77	115
94	133	2.20	69	105
87	121	2.30	59	96
79	110	2.40	52	87
71	101	2.50	45	80
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VERITAS**

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N° 2643717/1A

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Professional rules for the manufacture and installation of metal cladding of January 1981 - 2nd edition

Seismic validation:
Study report DCC/CLC-12_229_1
from CSTB dated 25/02/2023

ATELIERS 3S

RELIEF RANGE

ROCHER®

REGISTERED
DESIGNS

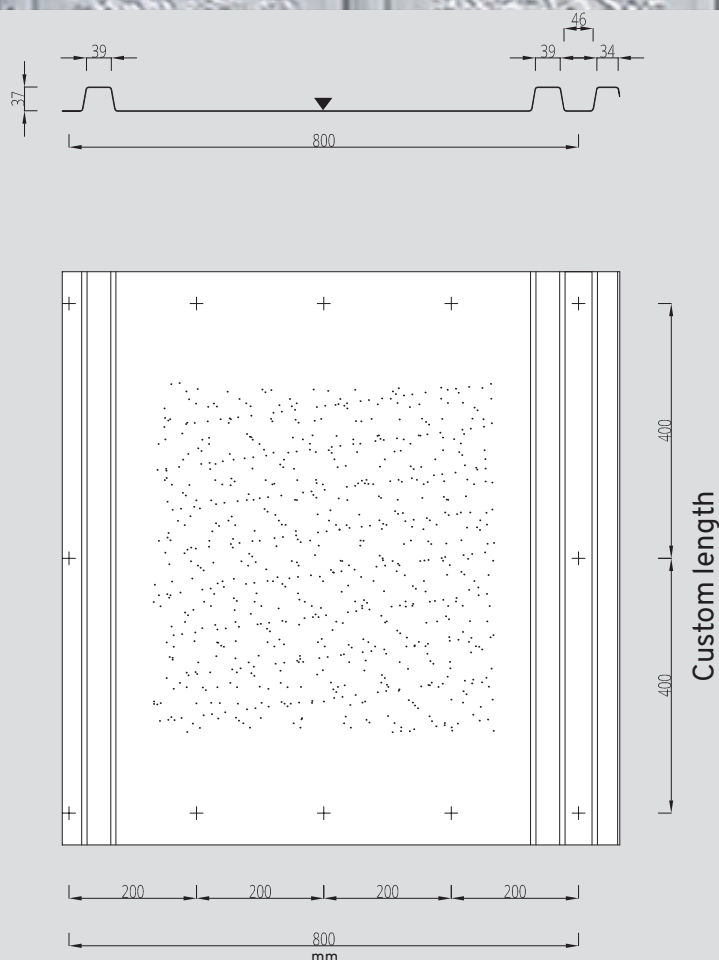
30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

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ROCHER® 800 PROFILEE

Steel S280 GD + Z	Thickness (mm)	Standard
Polyester 35μ THD	0.75	Coil coating EN 10169
Other coating	Upon request	

Thickness (mm)	Weight (kg/m²)
0.75	7.58

Panel length : 1300mm/mini 7300mm/maxi

ALLOWABLE LOAD TABLE IN daN/m², BASED ON SPAN LENGTHS

Deflection limit criterion taken into account: 1/200th according to professional recommendations (RAGE) under wind load calculated according to NV65

PRESSURE PRESSURE		Portées d'utilisation	SUCTION	
2 supports	3 supports		2 supports	3 supports
0.75	0.75	m	0.75	0.75
114	156	2.00	86	127
104	144	2.10	77	115
94	133	2.20	69	105
87	121	2.30	59	96
79	110	2.40	52	87
71	101	2.50	45	80
63	92	2.60	40	74
57	85	2.70	35	69
51	79	2.80	31	64
	74	2.90		59
	69	3.00		56

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Bending tests according to NF P 34-503 of November 1995

Professional rules for the manufacture and installation of metal cladding of January 1981 - 2nd edition

Seismic validation:
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from CSTB dated 25/02/2023

ATELIERS 3S

RELIEF RANGE

NANO 710®

REGISTERED
DESIGNS

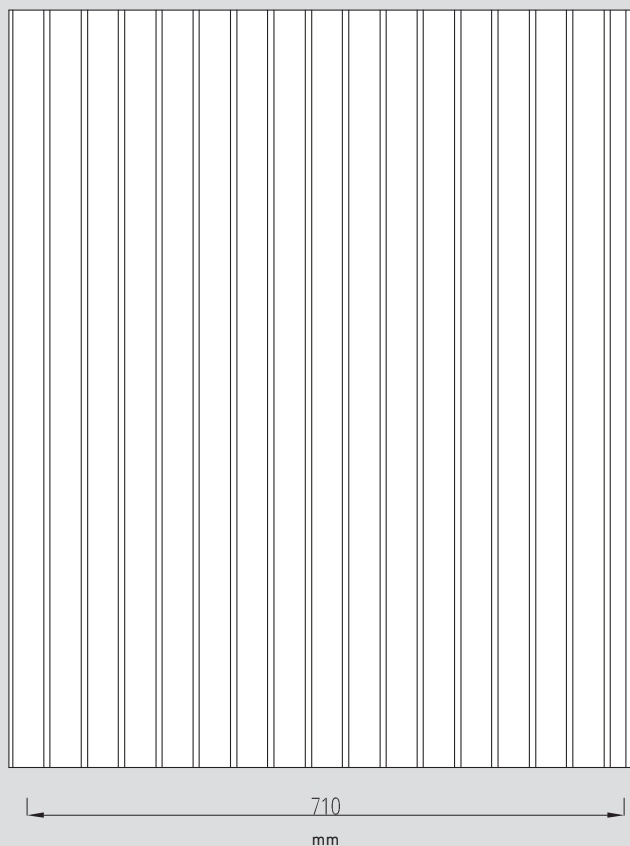
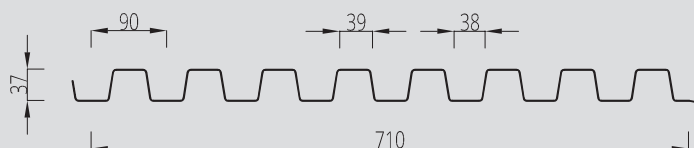
30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
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Custom length

The RELIEF range panels are non-structural sheets according to NF EN 14782:2006 standard and Professional Recommendations RAGE Cladding July 2014, not intended to receive PPE anchoring devices according to EN 795 standard or lifeline systems.

NANO® 710 PROFILEE

Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	10.12

Seismic validation:
Study report DCC/CLC-12_229_1
from CSTB dated 25/02/2013

Other coating	Upon request
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



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RELIEF RANGE

NANO 710®

TABLE OF ALLOWABLE LOADS IN dan/m^2 BASED ON USAGE SPANS

Deflection limit criterion taken into account : 1/150th according to professional recommendations (RAGE) under wind load calculated according to EN 1991-1-4

POSITIVE		Span (m)	SUCTION	
2 supports	3 supports		2 supports	3 supports
0.75	0.75	m	0.75	0.75
1790	1206	1,00	1789	1206
1243	914	1,20	1242	914
913	718	1,40	913	718
672	580	1,60	675	580
474	479	1,80	476	479
346	402	2,00	348	402
261	343	2,20	262	343
201	296	2,40	202	296
159	258	2,60	159	258
127	227	2,80	128	227
104	199	3,00	104	199



Calculations according to Eurocode III Part 1.3

CALCULATION VALUES			SYMBOL	UNITS	THICKNESS mm
					0.75
POSITIVE	Moments of inertia	Minimum	$I_{\text{eff, min}}$	cm ⁴ / ml	25.3
		Maximum	$I_{\text{eff, max}}$	cm ⁴ / ml	26.4
	Resistant bending moments	in span	$M_{\text{t, Rd}}$	m.daN/ml	335.5
		on support	$M_{\text{a, Rd}}$	m.daN/ml	335.4
	Resistant shear force		$V_{\text{b, Rd}}$	daN/ml	9625.7
	Resistant support reaction	edge	$R_{\text{w, Rd, ex}}$	daN/ml	1672.6
intermediate		$R_{\text{w, Rd, in}}$	daN/ml	3345.1	
SUCTION	Moments of inertia	minimum	$I'_{\text{eff min}}$	cm ⁴ / ml	25.5
		maximum	$I'_{\text{eff, max}}$	cm ⁴ / ml	26.4
	Resistant bending moments	in span	$M'_{\text{t, Rd}}$	m.daN/ml	335.4
		on support	$M'_{\text{a, Rd}}$	m.daN/ml	335.5
	Resistant shear force		$V'_{\text{b, Rd}}$	daN/ml	9625.7

30/07/2025

RELIEF RANGE

ROOFING NANO 621®



REGISTERED
DESIGNS

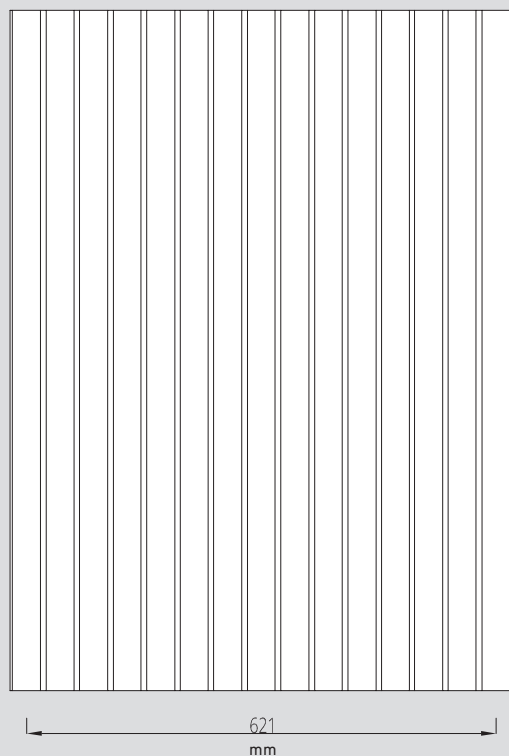
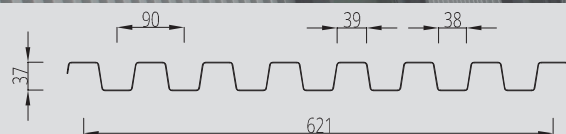
30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

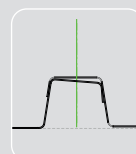
TRADITIONAL
INSTALLATION
METHOD

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Custom length



Detail of the overlap



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**ATELIERS 3S COLOR
CHART**

Nano Roofing is a non-structural sheet according to NF EN 14782:2006 standard, in accordance with DTU 40.35 (NF P 34-205-1:1997), not intended to receive PPE anchoring devices according to EN 795 standard or lifeline.

NANO C 621 ROOFING PROFILEE

Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	10.26

Other coating	Upon request
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



EUROCODE SPAN TABLES

COMPLIANT WITH NF DTU 40.35

Load kN/m²	Span					
	PROFILEe on 2 supports		PROFILEe on 3 supports		PROFILEe on 4 or more supports	
	Descending loads	Ascending load	Descending loads	Ascending load	Descending loads	Ascending load
0,50	2,85	3,75	3,60	3,60	3,55	3,60
0,75	2,55	3,75	3,45	3,60	3,20	3,60
1,00	2,35	3,75	3,20	3,60	2,90	3,60
1,25	2,20	3,60	2,95	3,25	2,70	3,55
1,50	2,05	3,25	2,80	2,90	2,55	3,15
1,75	1,95	3,00	2,65	2,65	2,45	2,90
2,00	1,90	2,80	2,45	2,45	2,35	2,65
2,25	1,80	2,65	2,30	2,30	2,25	2,45
2,50	1,75	2,50	2,15	2,15	2,20	2,30