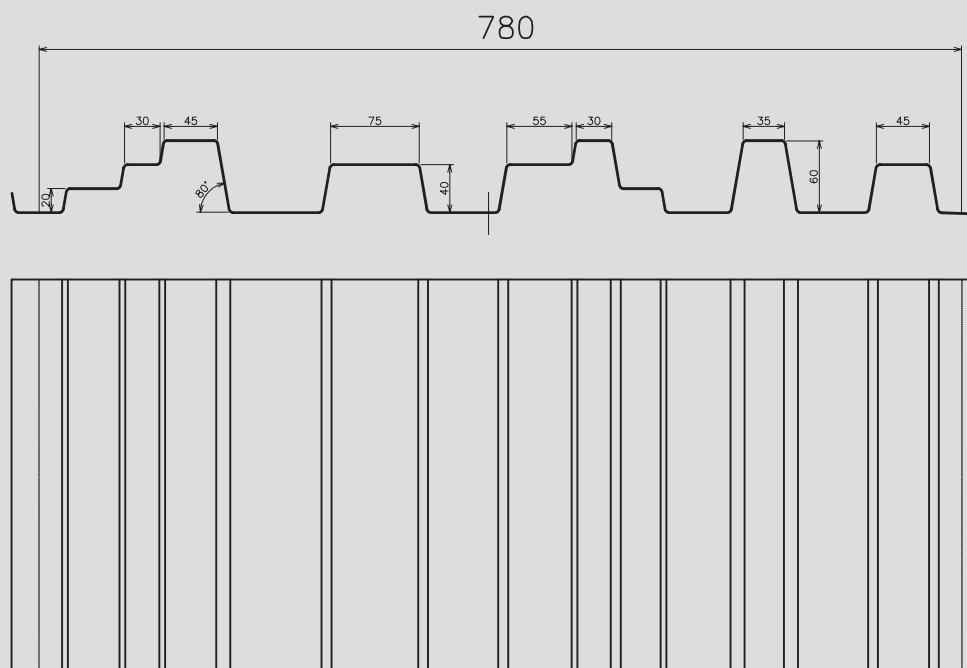


NEW YORK RANGE MANHATTAN 780

NEW YORK



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 PROFILEE

Height 60 mm



Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	9.40

Coating	Standard
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

Length of panels : 8000mm maximum



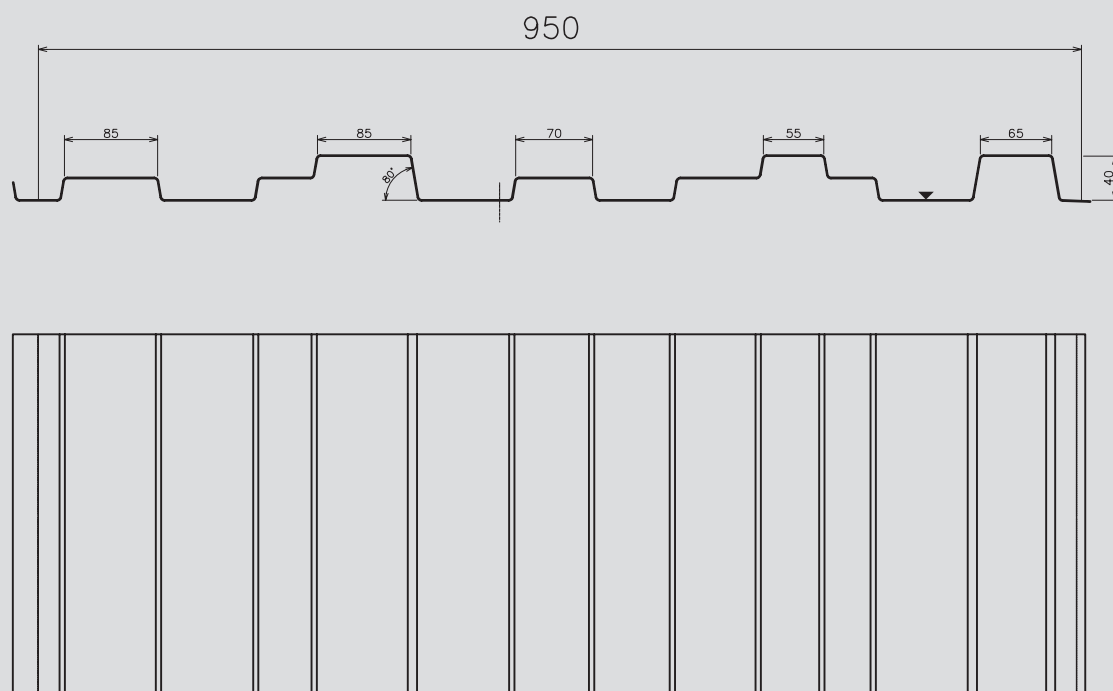
Discover the colors available in
the **ATELIERS 3S COLOR CHART**

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.

NEW YORK RANGE

BROOKLYN 950

NEW YORK



REGISTERED
DESIGNS

30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

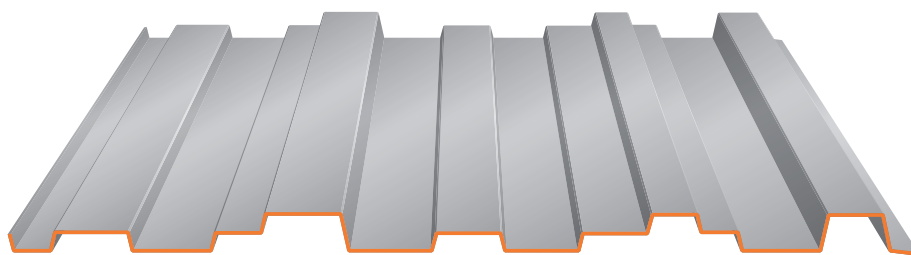
TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE

BROOKLYN 950 PROFILEE

Height 40 mm



Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	7.71

Coating	Standard
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

Length of panels : 8000mm maximum



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

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.

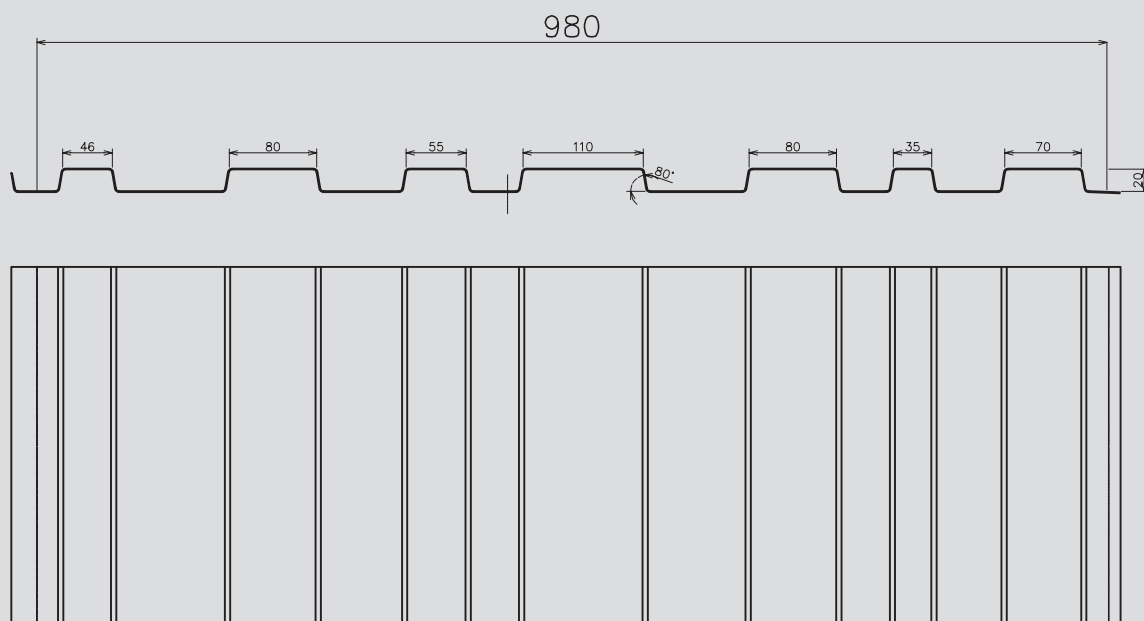
TECHNICAL DATASHEETS

ATELIERS 3S

30/07/2025

NEW YORK RANGE QUEENS 980

NEW YORK



REGISTERED
DESIGNS

30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

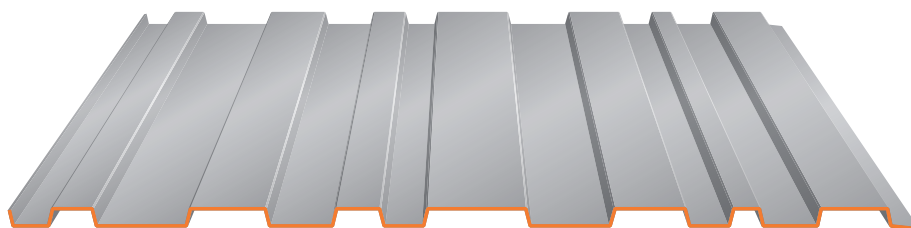
TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE

QUEENS 980 PROFILEE

Height 20 mm



Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	7.48

Coating	Standard
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

Length of panels : 8000mm maximum



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

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.

TECHNICAL DATASHEETS

ATELIERS 3S

30/07/2025

TABLE OF ALLOWABLE LOADS IN daN/m², ACCORDING TO SPAN LENGTHS
 Deflection limit criterion taken into account: 1/150th according to professional recommendations (RAGE) calculated according to NF EN 1991-1-4

PRESSURE		Span (m)	SUCTION	
2 supports	3 supports		2 supports	3 supports
0.75	0.75		0.75	0.75
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

Seismic validation: Study report DCC / CLC_12_229_1 from CSTB dated 25/02/2013



Calculations according to Eurocode III Part 1.3

CALCULATION VALUES		SYMBOLE	UNITS	
POSITIVE	Moments of inertia	I_{eff}	cm ⁴ / m	5.76
	Resistant moment in span	$M_{b, Rd,t}$	daN-m/m	131.5
	Resistant moment on supports	$M_{b, Rd,a}$	daN-m/m	126.5
	RSupport reaction (40 mm d'sill)	d'extrémité $R_{w, Rd,e}$	daN/m	1639.2
		intermédiaire $R_{w, Rd, i}$	daN/m	3278.4
SUCTION	Moments of inertia	$I'_{eff, max}$	cm ⁴ / m	4.87
	Resistant moment in span	$M'_{b, Rd,t}$	daN-m/m	126.5
	Resistant moment on supports	$M'_{b, Rd,a}$	daN-m/m	131.5