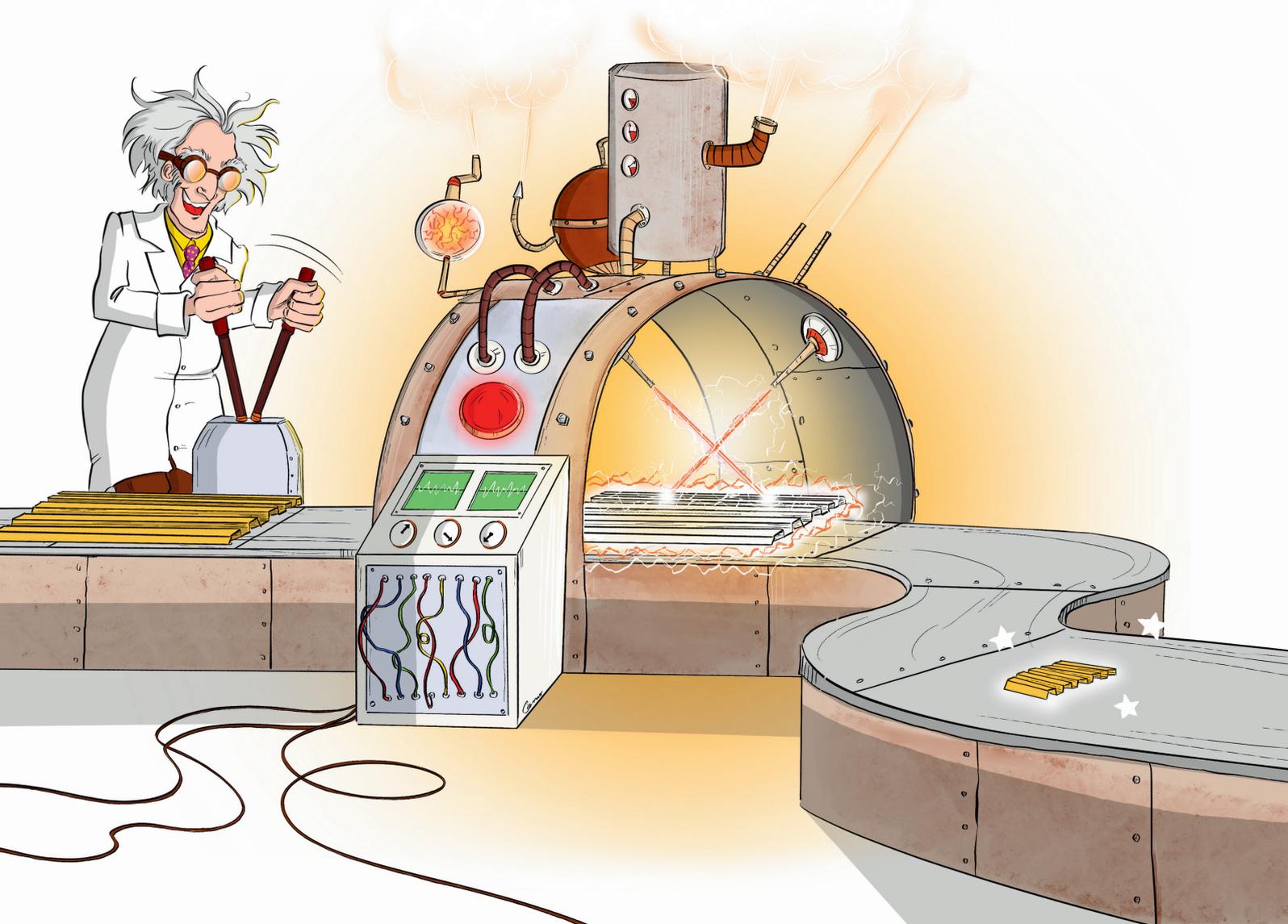
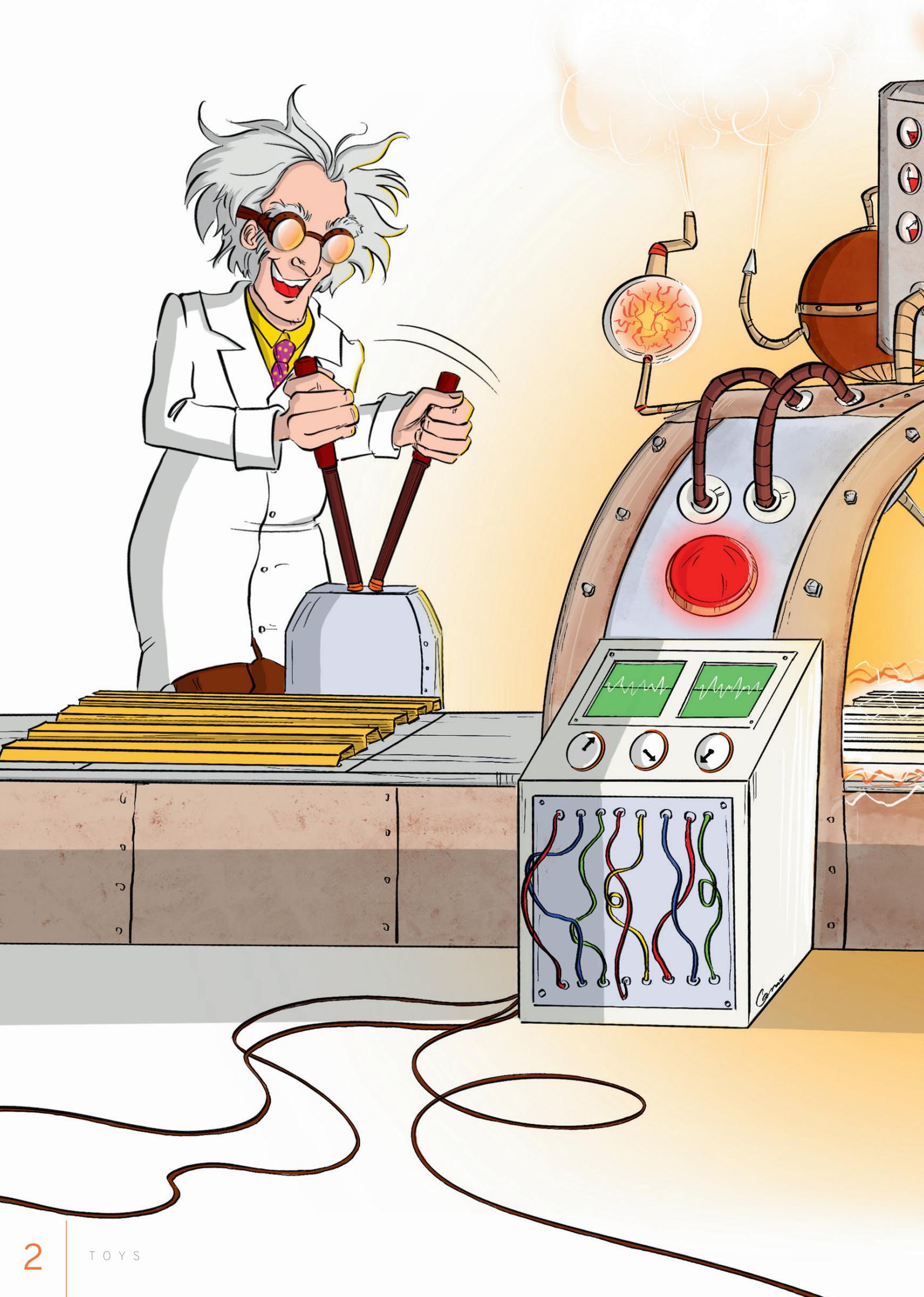


Toys[®]

THE WORLD OF  AT 1/2 SCALE



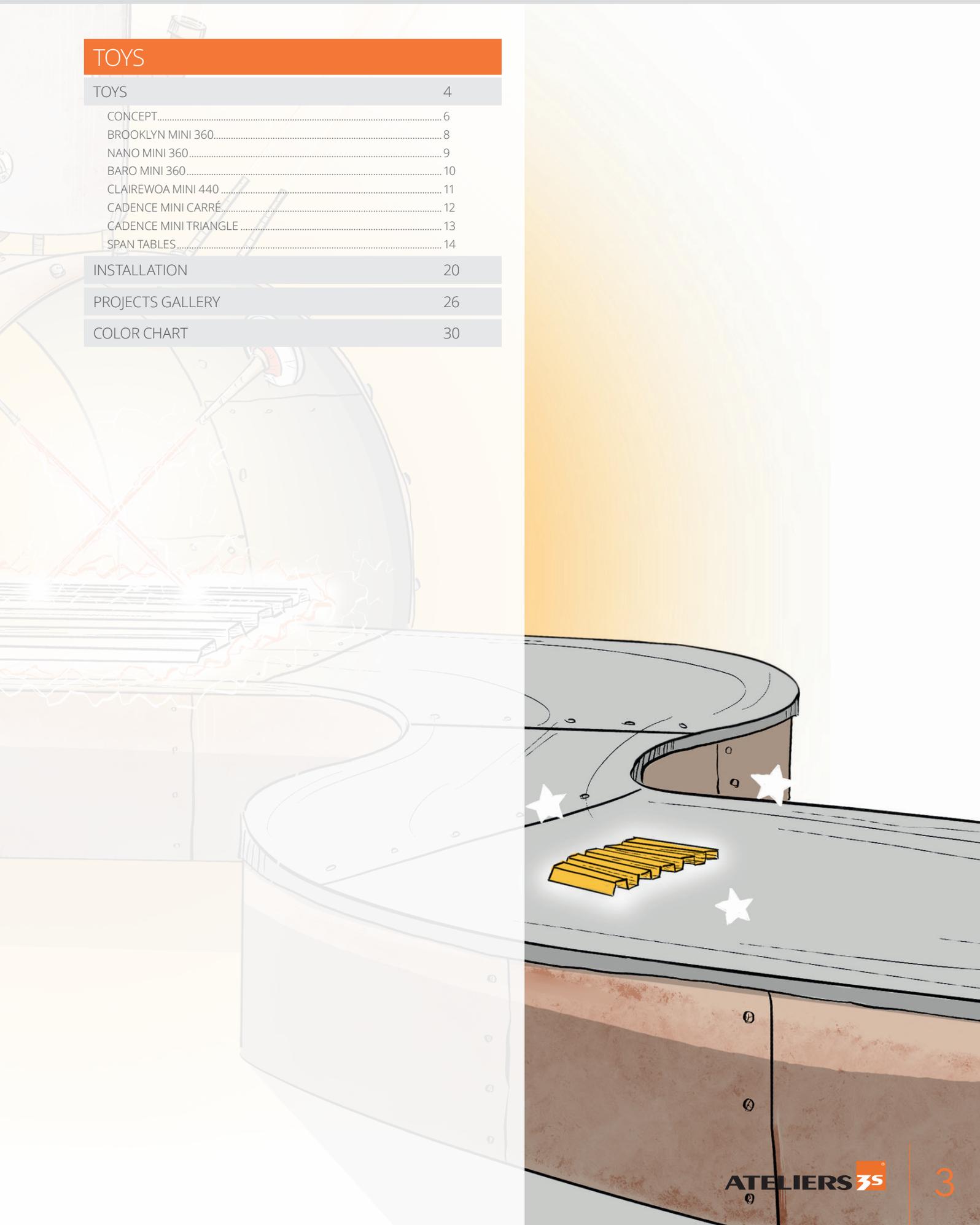
ATELIERS 
metal cladding creators



SUMMARY

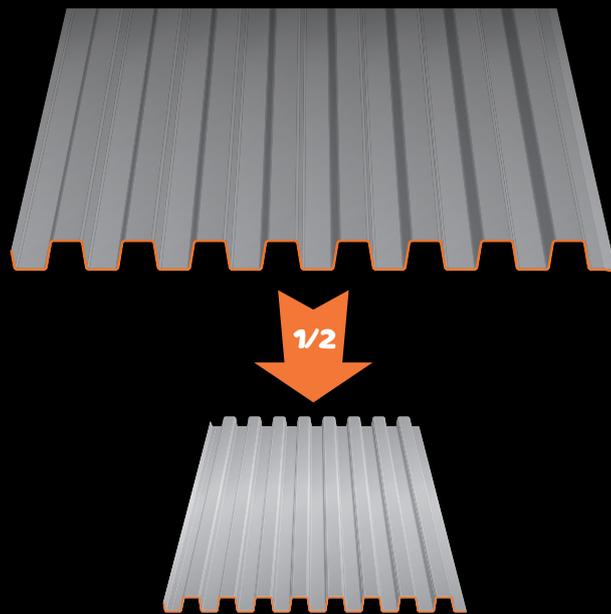
TOYS

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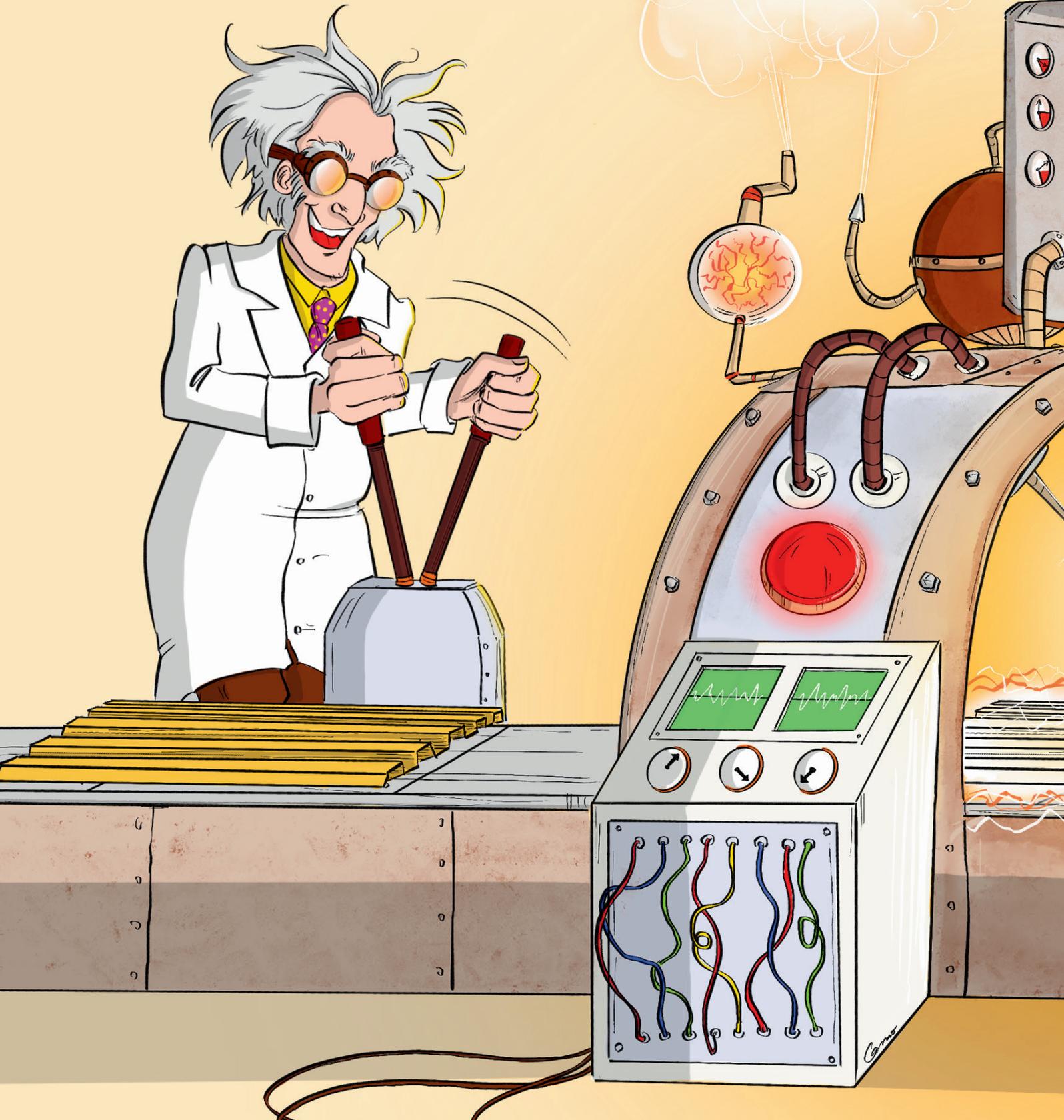
Toys



TOYS RANGE

Toys

THE WORLD OF  AT 1/2 SCALE





**OUR ICONIC CLADDING SOLUTIONS
IN OUR **Mini**[®] SIGNATURE**

*Mini, mini, mini, everything in our
range is mini.*

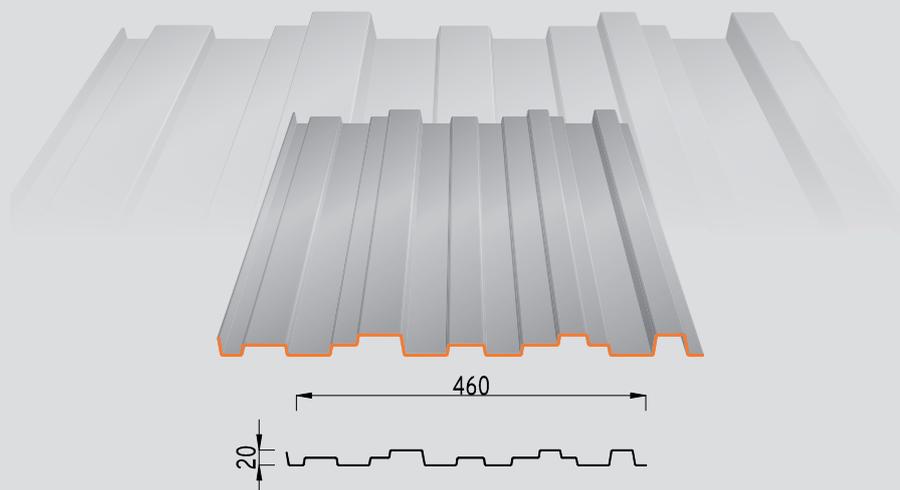
We designed our latest collection while humming this little tune. We've redesigned the profiles that paved the way to our company's success, producing them in ½ scale versions.

This approach brings us closer to our claddings. A scale that is perfectly suited to close-up product versions, whether on a balcony or indoors.

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
Galva	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
RÈGLES RAGE

MADE IN FRANCE

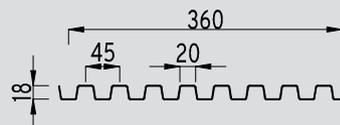
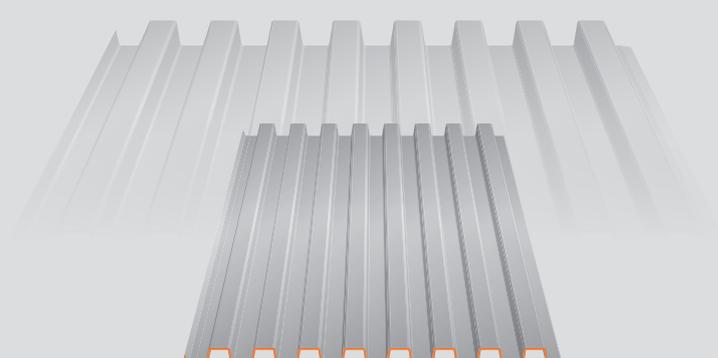
DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE

NANO MINI 360



TOYS

THE WORLD OF **3S** AT **1/2** SCALE



PROFILE NANO MINI 360

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.63	8.31

Coating	Norm
Galva	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 : 18 mm

Sheets length : 6000mm maximum

REGISTERED
DESIGNS

30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD
RÈGLES RAGE

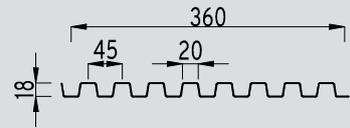
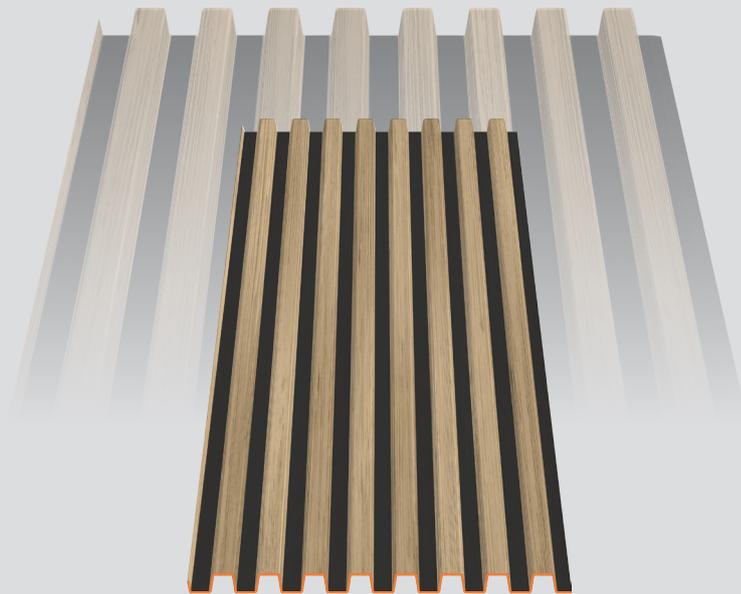
MADE IN FRANCE

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SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE

BARO MINI 360

TOYS

THE WORLD OF  AT 1/2 SCALE



PROFILE BARO MINI 360

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.63	8.31

Coating	Norm
Galva	NF EN 10346
Polyester 47μ THD	Coil coating EN 10169

Profile height : 18 mm

Sheets length : 6000mm maximum

REGISTERED
DESIGNS

30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD
RÈGLES RAGE

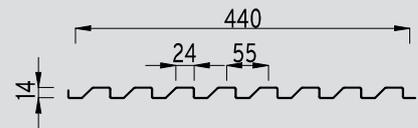
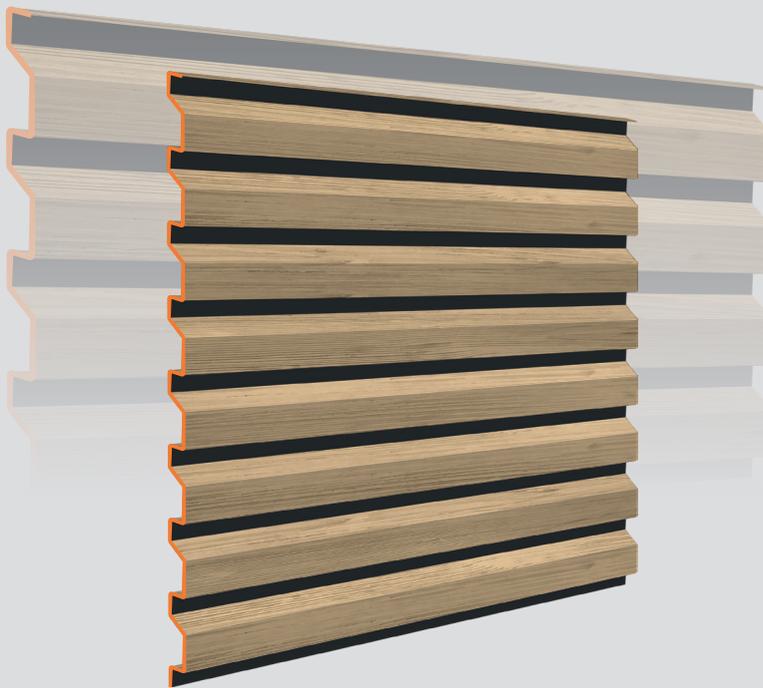
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SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE

CLAIREWOA **MINI** 440

TOYS

THE WORLD OF **3S** AT **1/2** SCALE



PROFILE CLAIREWOA **MINI** 440

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.63	6.80

Coating	Norm
Galva	NF EN 10346
Polyester 47μ THD	Coil coating EN 10169

Profile height : 14 mm

Sheets length : 6000mm maximum

REGISTERED
DESIGNS

30-YEAR
WARRANTY

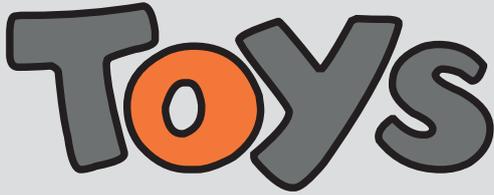
FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE

CADENCE **MINI CARRÉ**



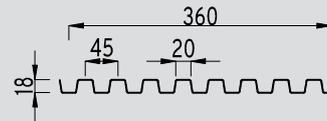
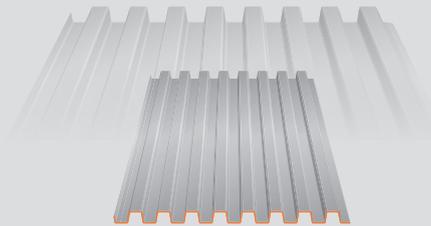
THE WORLD OF AT **1/2** SCALE

PROFILE CADENCE C **Mini 360**[®]

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.63	8.31

Profile height : 18 mm

Sheets length : 6000mm maximum

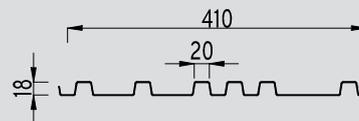
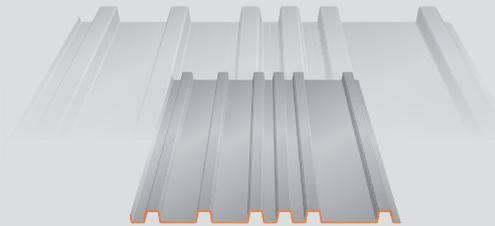


PROFILE CADENCE C **Mini 410**[®]

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.63	7.30

Profile height : 18 mm

Sheets length : 6000mm maximum



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

REGISTERED
DESIGNS

30-YEAR
WARRANTY

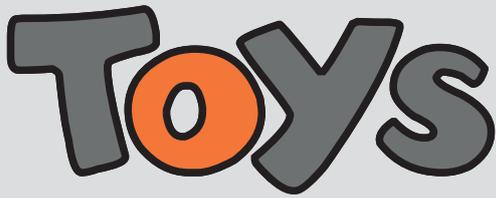
FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD
RÈGLES RAGE

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE

CADENCE MINI TRIANGLE

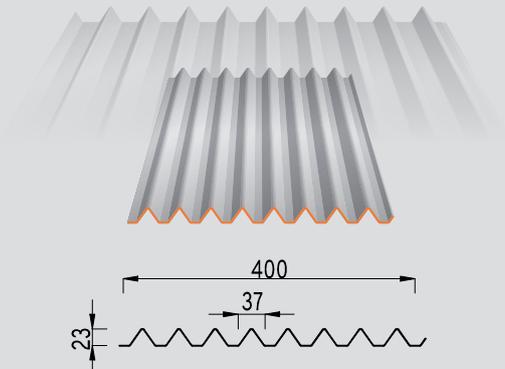


THE WORLD OF AT 1/2 SCALE

PROFILE CADENCE T Mini 400®

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.63	7.48

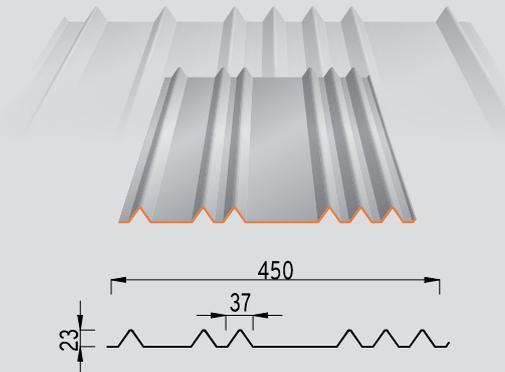
Profile height : 23 mm
 Sheets length : 6000mm maximum



PROFILE CADENCE T Mini 450®

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.63	6.65

Profile height : 23 mm
 Sheets length : 6000mm maximum



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

REGISTERED
DESIGNS

30-YEAR
WARRANTY

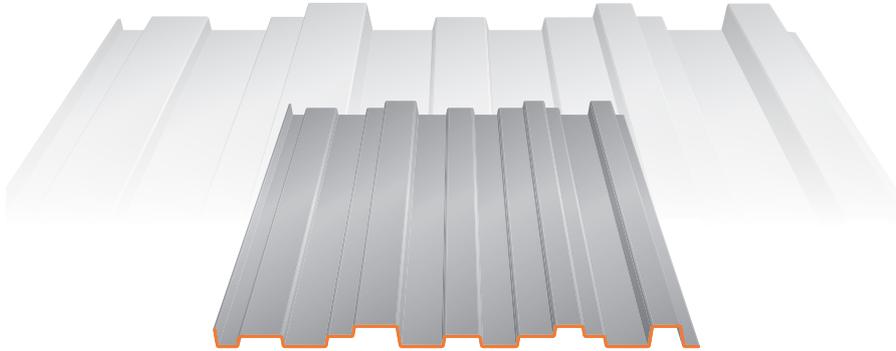
FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD
RÈGLES RAGE

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE

BROOKLYN MINI 460



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

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

Test report n°R134294023-001-1



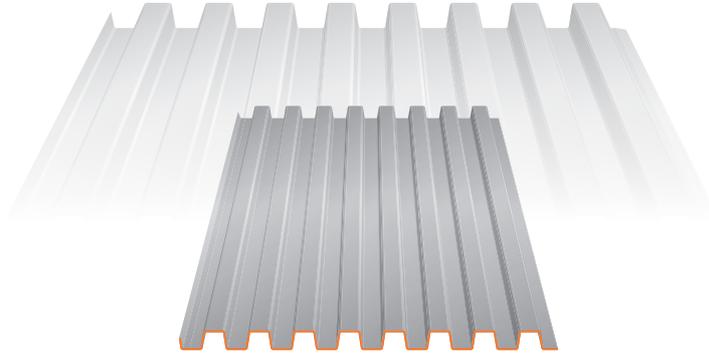
Test performed according to norm NF P 34-503-1 and interpretation as per Annexes E and N of the RAGE French professional recommendations

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

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.

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.

NANO MINI 360



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		2 supports	3 supports
572	925	1.0	572	875
331	642	1.2	331	608
209	472	1.4	209	447
140	361	1.6	140	342
98	255	1.8	98	255
72	186	2.0	72	186
54	140	2.2	54	140
41	108	2.4	41	108
33	85	2.6	33	85
26	68	2.8	26	68
21	55	3.0	21	55

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

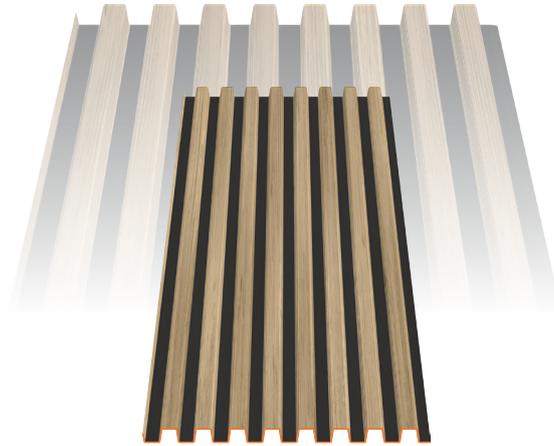


Calculation according to Eurocode III Part 1.3 (EN-1993)

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

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

BARO MINI 360



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		2 supports	3 supports
572	925	1.0	572	875
331	642	1.2	331	608
209	472	1.4	209	447
140	361	1.6	140	342
98	255	1.8	98	255
72	186	2.0	72	186
54	140	2.2	54	140
41	108	2.4	41	108
33	85	2.6	33	85
26	68	2.8	26	68
21	55	3.0	21	55

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

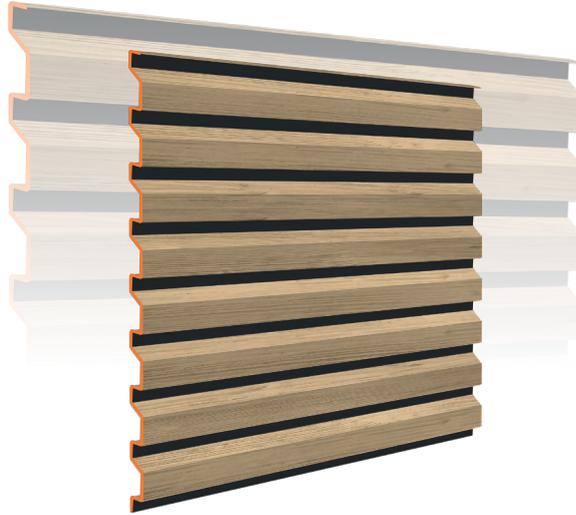


Calculation according to Eurocode III Part 1.3 (EN-1993)

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

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

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.

CLAIREWOA MINI 440**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. & +
448	746	754	1.0	364	721	656
259	548	436	1.2	211	515	380
163	345	275	1.4	133	325	239
109	231	184	1.6	89	217	160
77	162	129	1.8	62	153	112
56	118	94	2.0	45	111	82
42	89	71	2.2	34	84	62
32	68	55	2.4	26	64	47
25	54	43	2.6	21	51	37
20	43	34	2.8	17	41	30
17	35	28	3.0	13	33	24

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

Test report n°R134690349-001-1

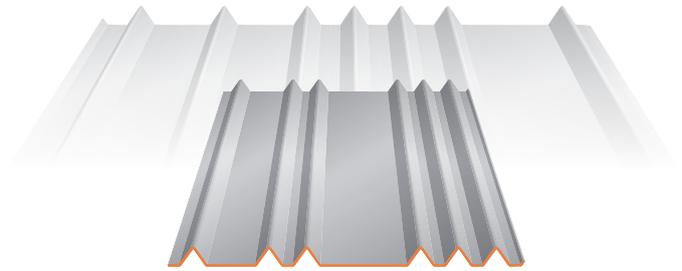
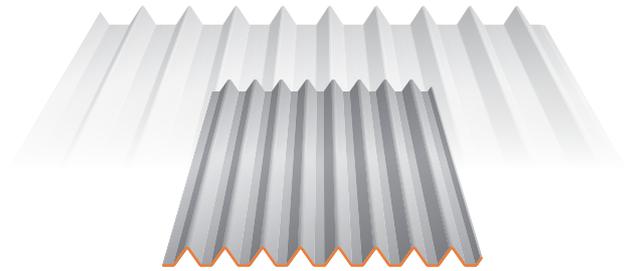


Test performed according to norm NF P 34-503-1 and interpretation as per Annexes E and N of the RAGE French professional recommendations

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

CADENCE T **MINI** 400

CADENCE T **MINI** 450



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. & +
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

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

Test report n°R134661203-001-1

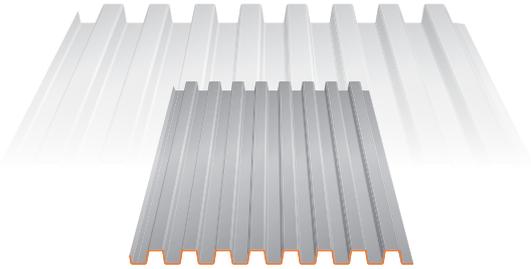


Test performed according to norm NF P 34-503-1 and interpretation as per Annexes E and N of the RAGE French professional recommendations

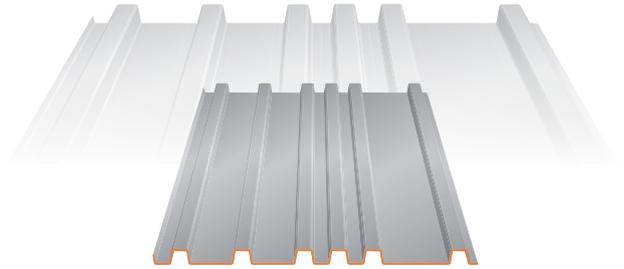
Technical information obtained according to installation requirements for metal cladding from July 2014.

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.

CADENCE C MINI 360



CADENCE C MINI 410



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. & +
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

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

Test report n°R134294625-001-1



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

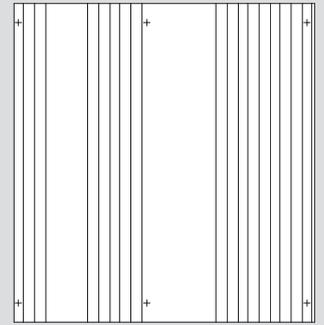
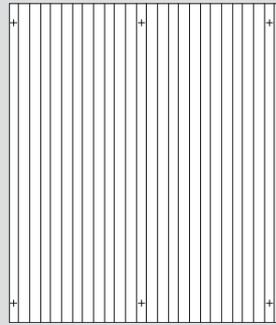
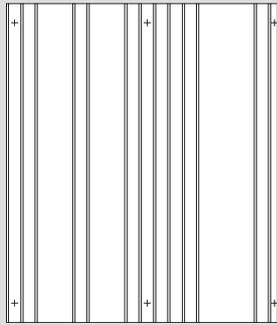
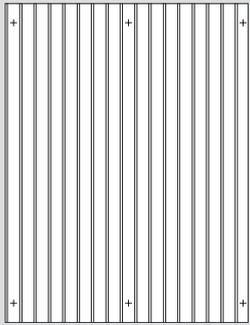
Technical information obtained according to installation requirements for metal cladding from July 2014.



INSTALLATION

FIXING THE PANELS

CADENCE



CADENCE **Mini 360C**

CADENCE **Mini 410C**

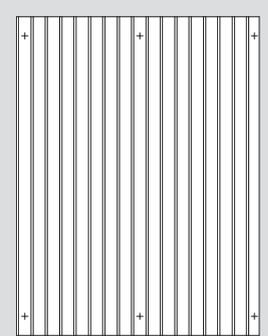
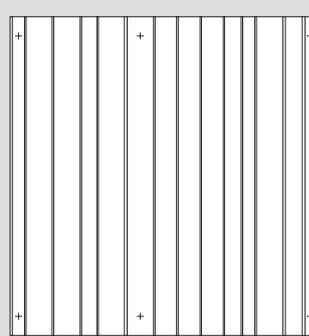
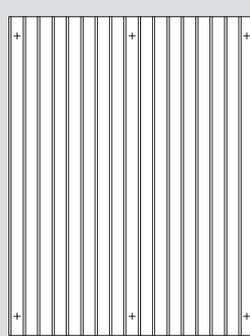
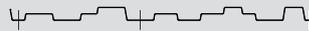
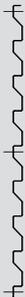
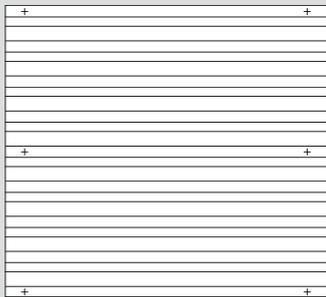
CADENCE **Mini 400T**

CADENCE **Mini 450T**

ONWOOD

NEW YORK

RELIEF BY ST+ARCK



ONWOOD CLAIREWOA **Mini 440**

ONWOOD BARO **Mini 360**

BROOKLYN **Mini 460**

NANO **Mini 360**

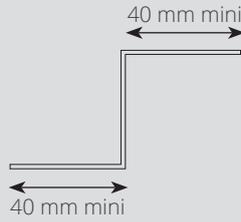
Given the small size of the TOYS range ribs bottoms, it is highly recommended to first check the compatibility of the screw heads with the selected cladding model.

SECONDARY FRAMING

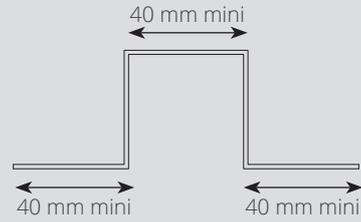
Metal framing «L»



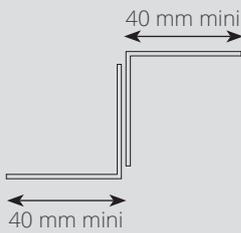
Metal framing «Z»



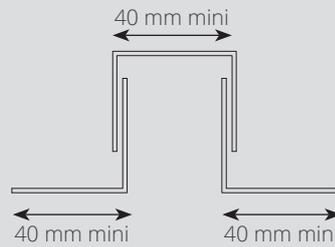
Metal framing «Ω»



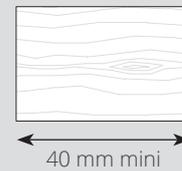
Ajustable metal framing «Z»



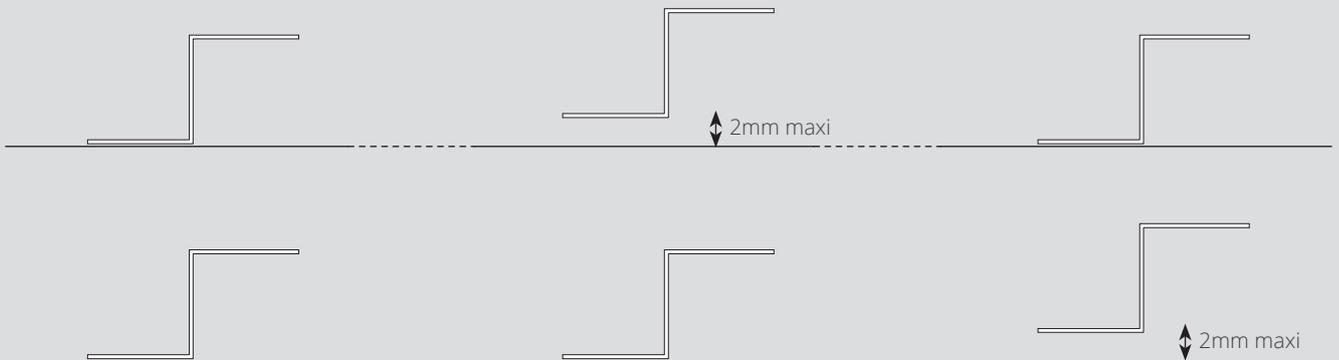
Ajustable metal framing «Ω»



Timber frame



FLATNESS OF SUPPORT

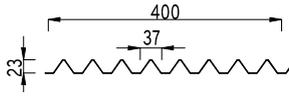
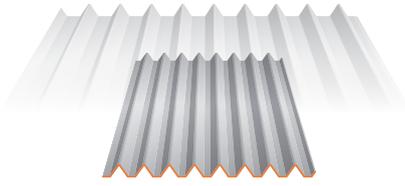


The secondary framing elements must be sized by the installation company. Metal framing should be at least 1.5mm thick.

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

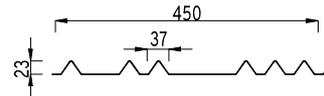
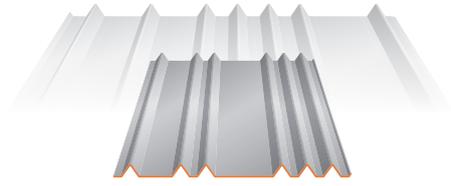
Regardless of the type of secondary framework chosen (metal or wood), it must comply with a maximum permissible co-planarity of 2mm over three **e supports**.

CADENCE



CADENCE **Mini 400T**®

Effective width : 400 mm
Height : 22 mm

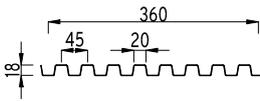
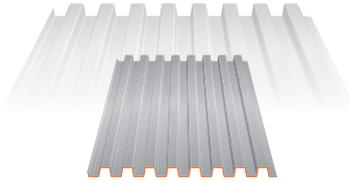


CADENCE **Mini 450T**®

Effective width : 450 mm
Height : 22 mm

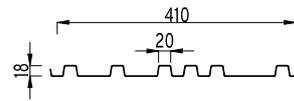
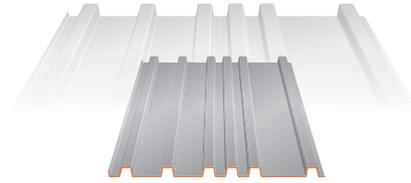
REFER TO
CADENCE INSTALLATION GUIDE

See www.ateliers3s.com
In Downloads section



CADENCE **Mini 360C**®

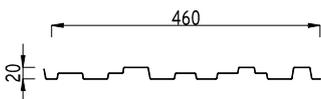
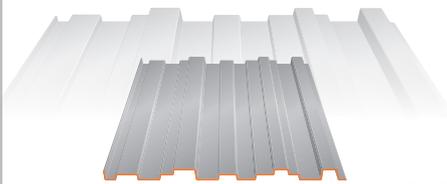
Effective width : 360 mm
Height : 18 mm



CADENCE **Mini 410C**®

Effective width : 410 mm
Height : 18 mm

NEW YORK



BROOKLYN **Mini 460**®

Effective width : 460 mm
Height : 20 mm

REFER TO
NEW YORK INSTALLATION GUIDE

See www.ateliers3s.com
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ONWOOD®



ONWOOD BARO **Mini 360®**

Effective width : 360 mm
Height : 18 mm

REFER TO
ONWOOD INSTALLATION
GUIDE

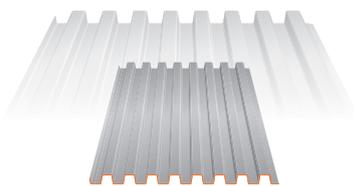
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In Downlaods section



ONWOOD CLAIREWOA **Mini 440®**

Effective width : 440 mm
Height : 14 mm

RELIEF® by STARCK®



NANO **Mini 360®**

Effective width : 360 mm
Height : 18 mm

REFER TO
RELIEF INSTALLATION GUIDE

See www.ateliers3s.com
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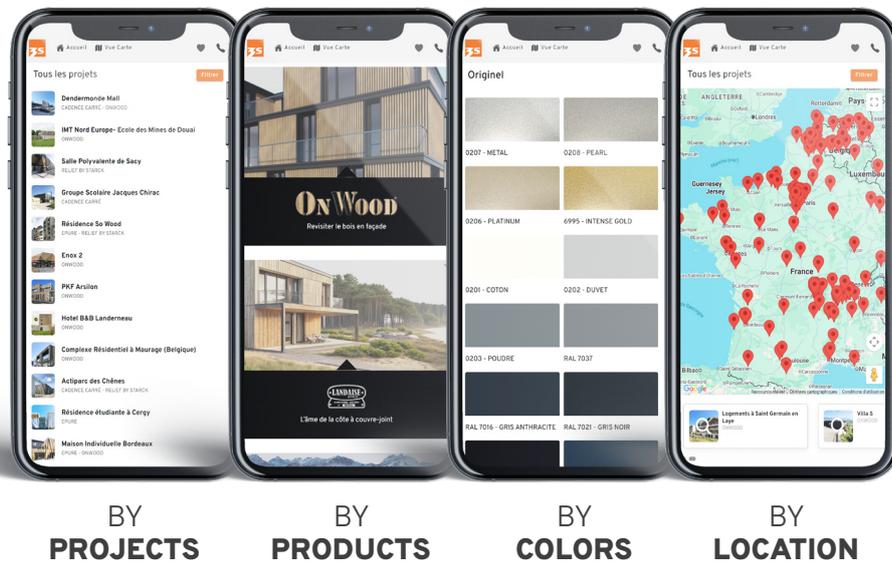


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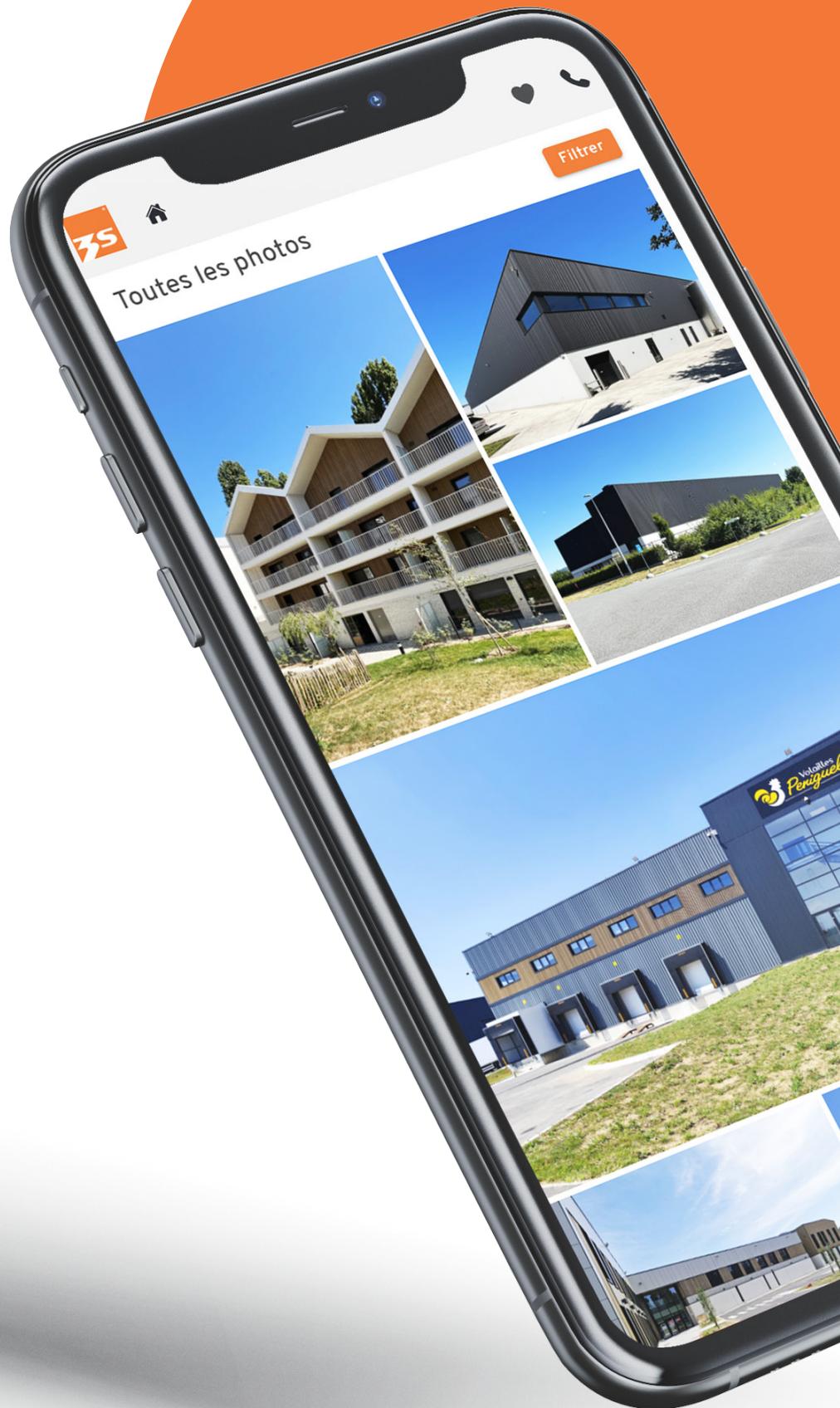
Tip to add the app directly to your home screen without going through the Store:

1- At the bottom of your page click here:



2- Scroll and choose the option:







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



RAL 5008 - OCEAN 25µm



DUVET 0202 35µm



RAL 7032 - SILEC GREY 35µm



POWDER 0203 35µm



RAL 7022 - EGGSHELL 35µm



RAL 7037 35µm



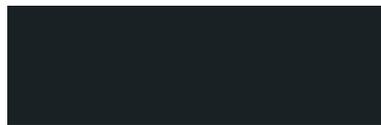
POP 0204 35µm



RAL 7016 - ANTHRACITE GREY 35µm



SPRING 0205 35µm



RAL 7021 - BLACK GREY 25µm



RAL 9005 - DEEP BLACK 35µm



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.



OXYDE 0602 35µm



DARK BRONZE 0604 50µm



INTENSE GOLD 6995 35µm



COPPER 0603 35µm

ROUGH

Reveal the nobility of raw materials.



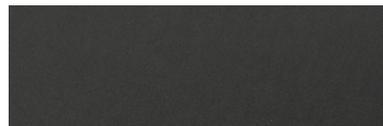
STAINLESS STEEL 0302
Shiny



SURFACE GRAIN 0301
Galvanized steel with high-precision grain

ZINC SPIRIT

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



NERRO 0104 50µm



GALEO 0103 50µm



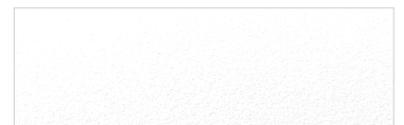
AZURO 0102 50µm



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".



SILVER TECK (BLACK BANDS) 0409 47µm



SILVER TECK (ALL WOOD) 0408 47µm



NATURAL OAK (BLACK BANDS) 0406 47µm
0416 (MINI)
0426 (MAXI)



NATURAL OAK (ALL WOOD) 0403 47µm



HAZELNUT OAK (BLACK BANDS) 0405 47µm



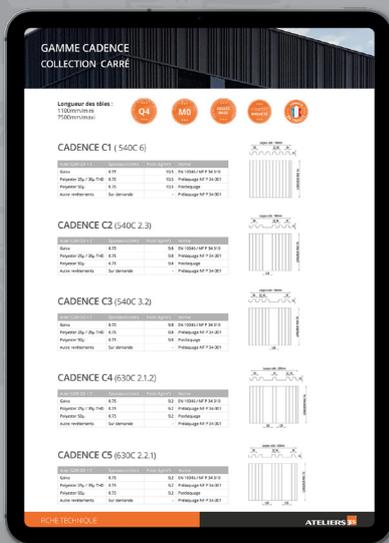
HAZELNUT OAK (ALL WOOD) 0402 47µm



COFFEE OAK (BLACK BANDS) 0407 47µm



COFFEE OAK (ALL WOOD) 0404 47µm



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- ETC.

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12/03/2026