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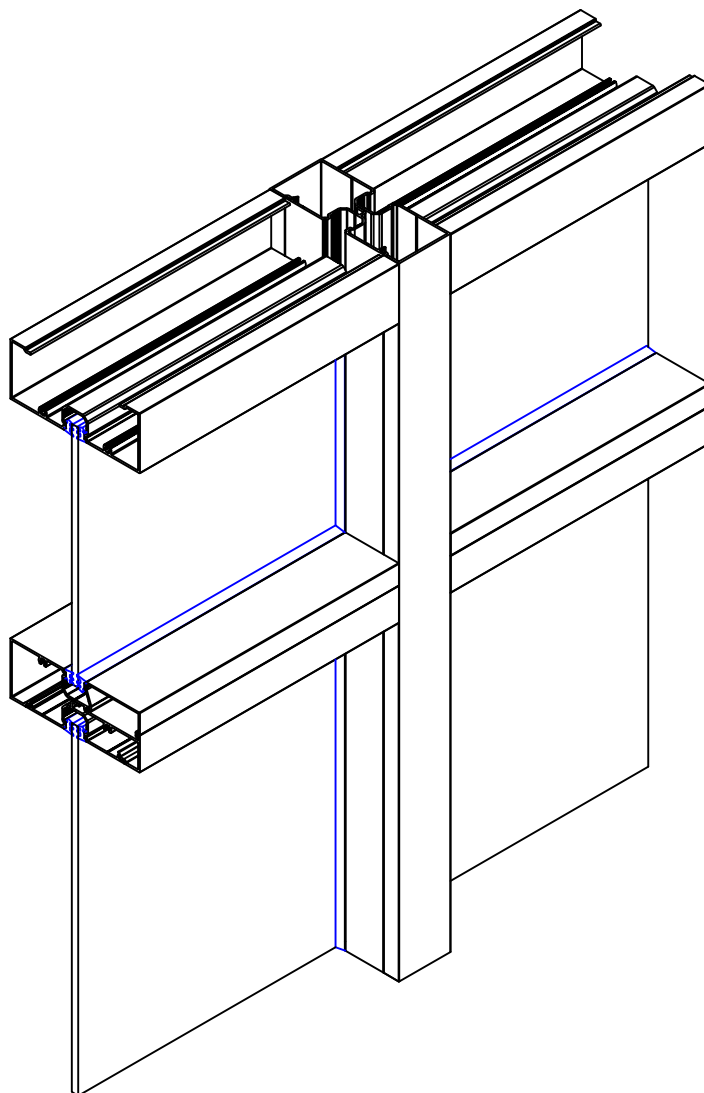
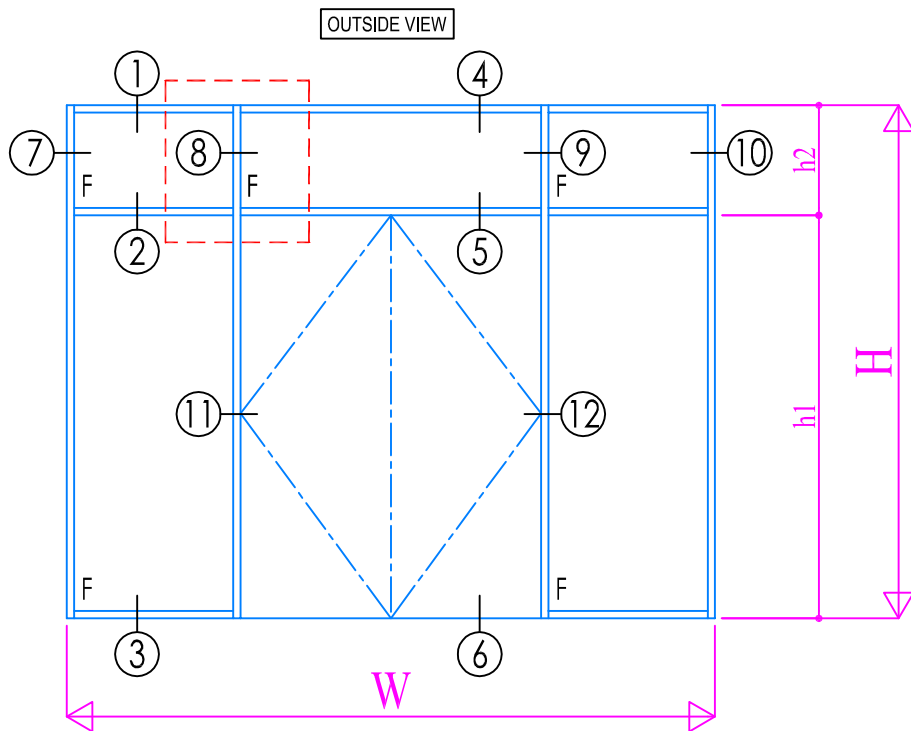
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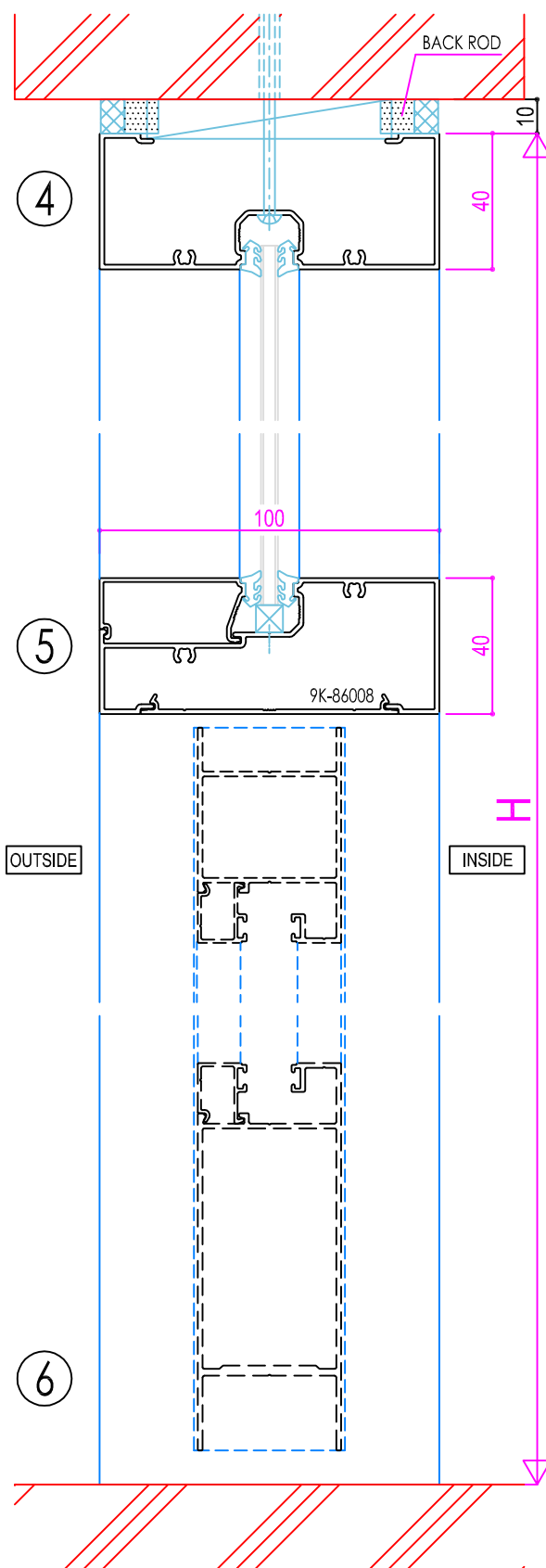
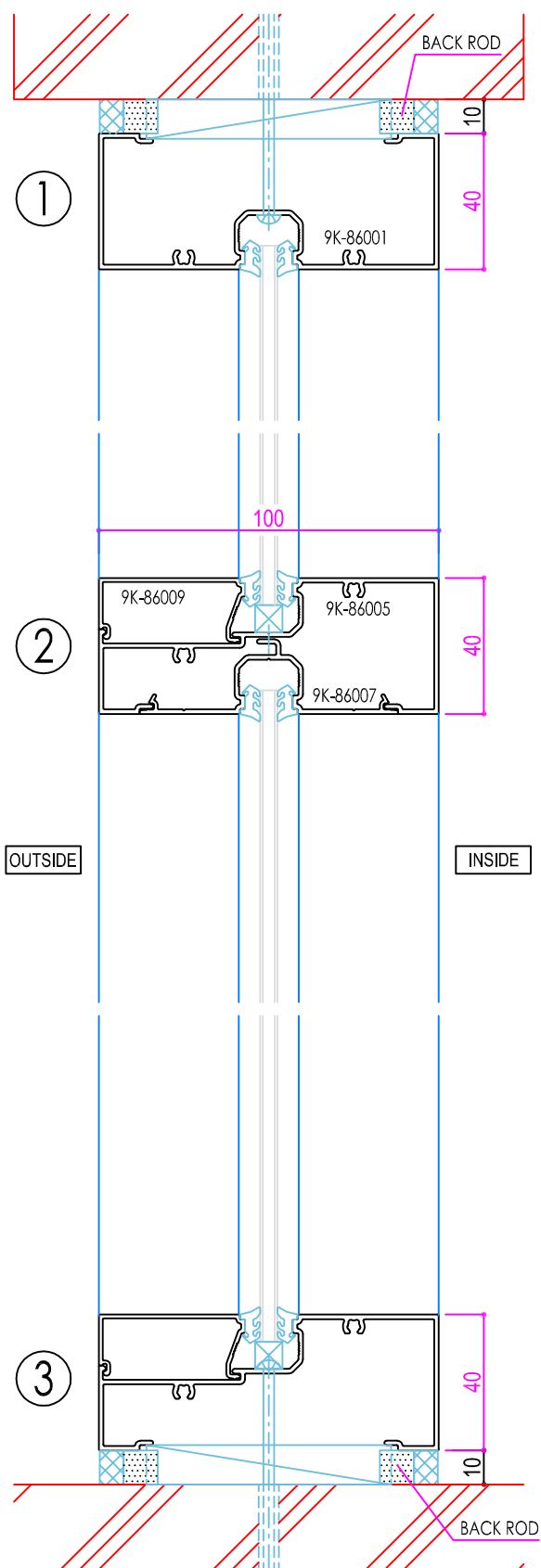
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1.1. SF - 100 t=1.35

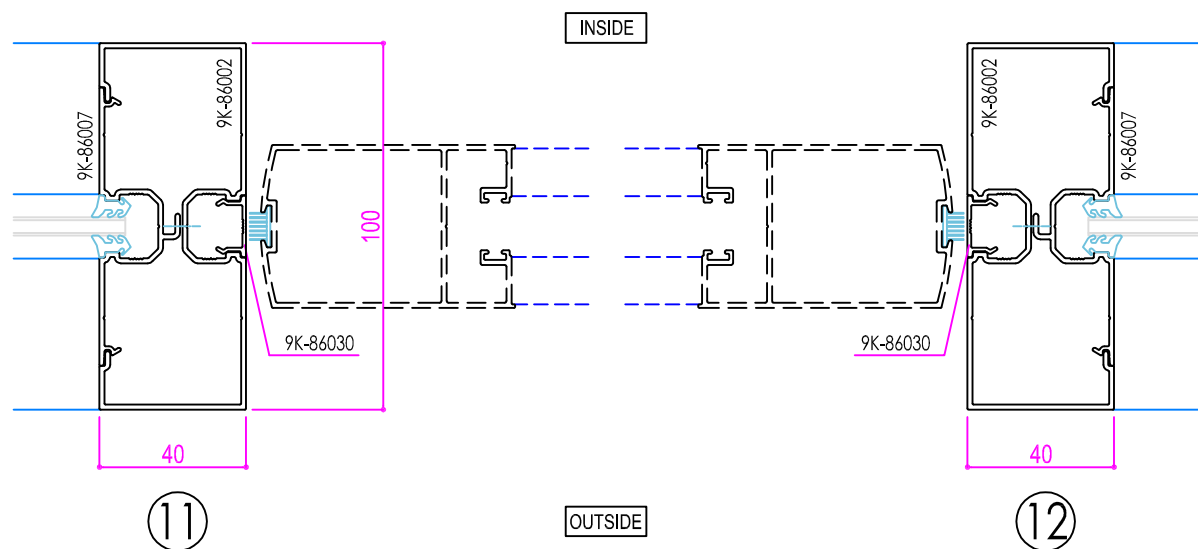
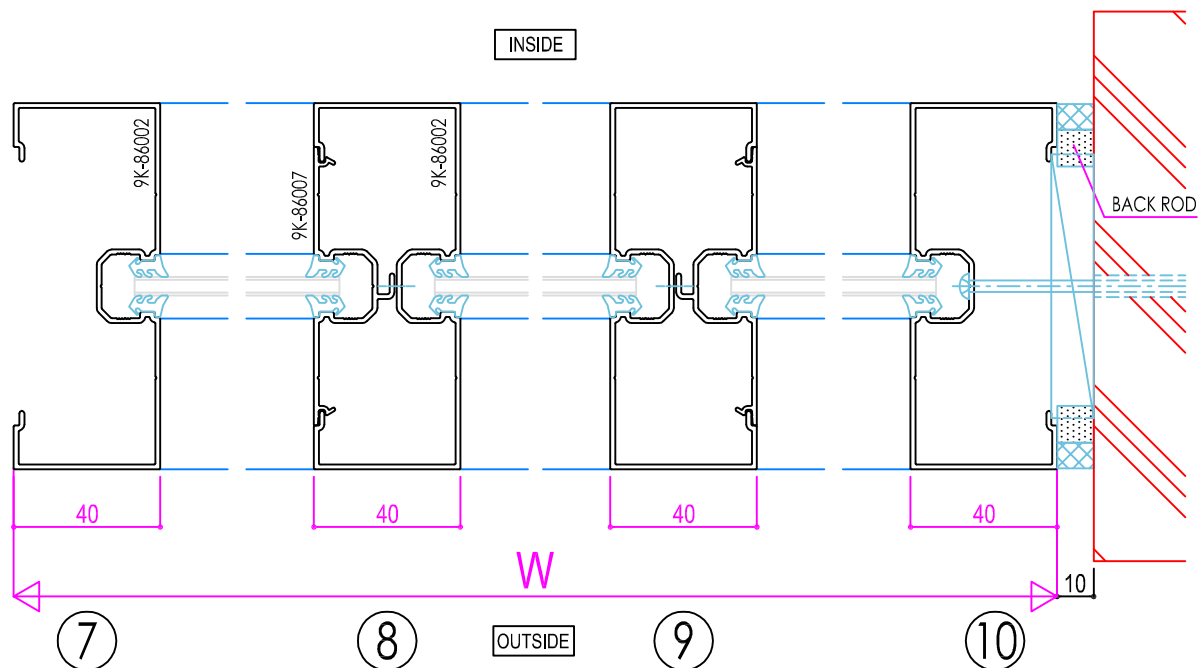
1. FRONT SERIES



1.1. SF - 100 t=1.35

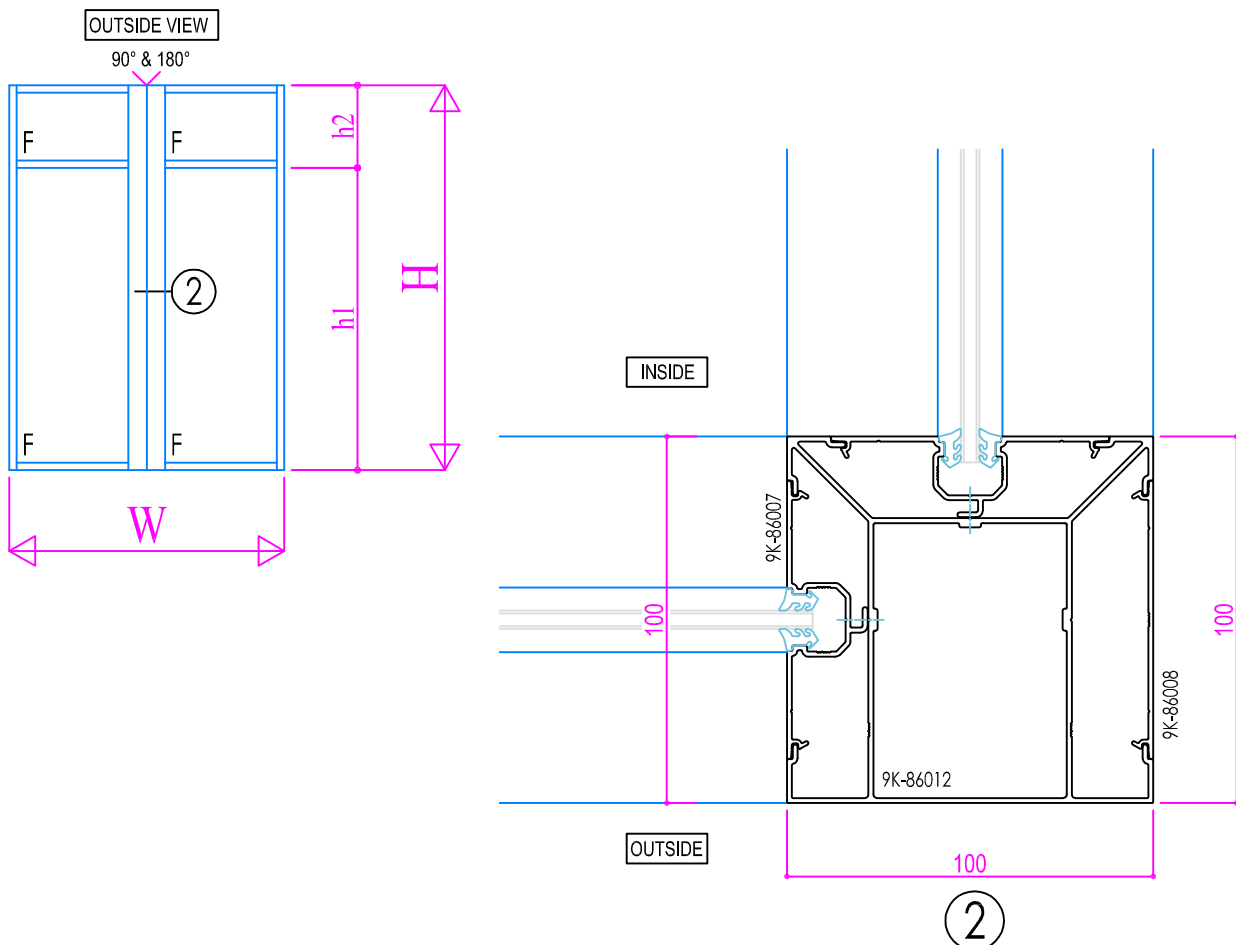
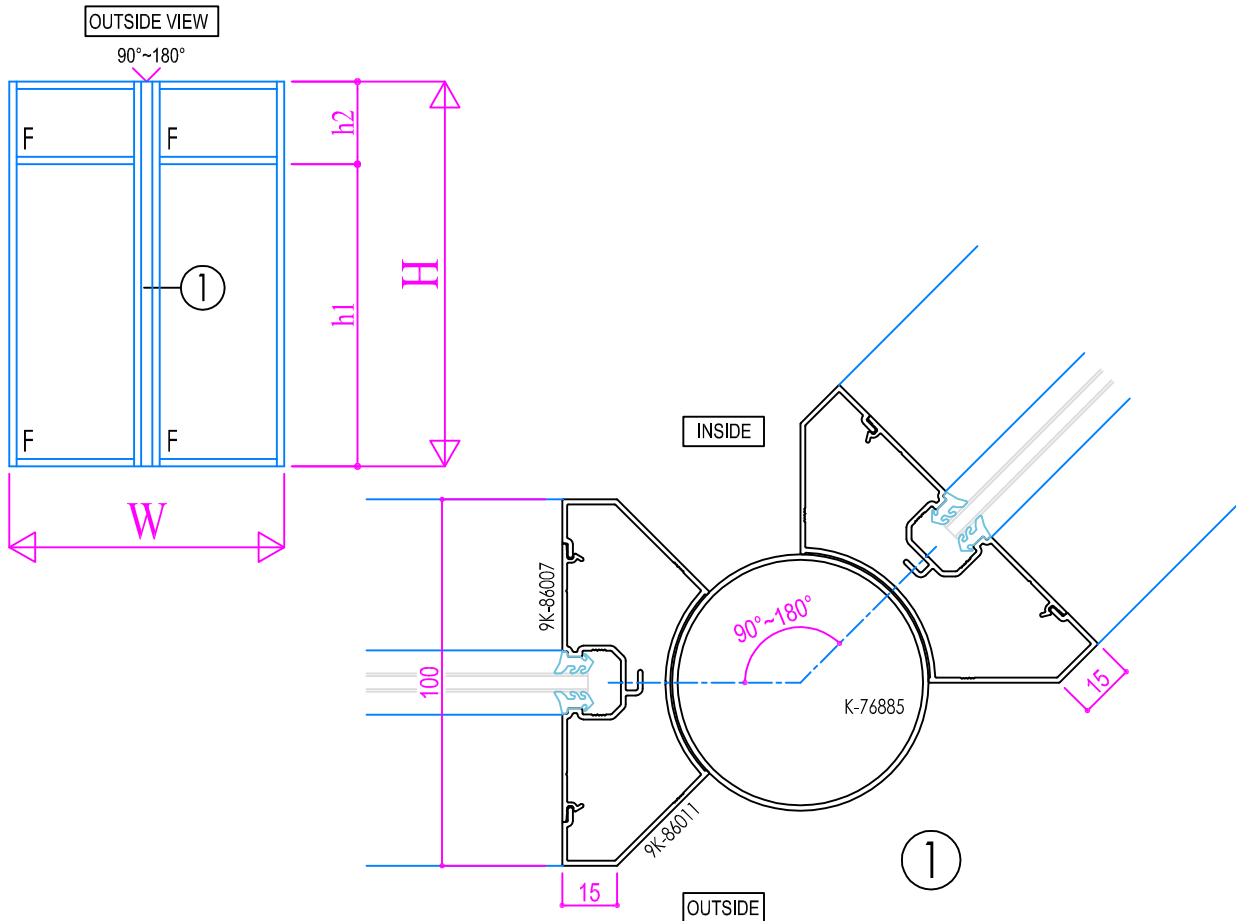
1. FRONT SERIES

1.1. SF - 100 t=1.35

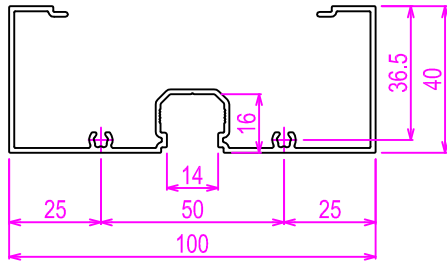


1. FRONT SERIES

1.1. SF - 100 $t=1.35$

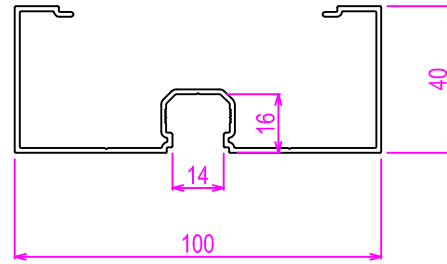


1. FRONT SERIES



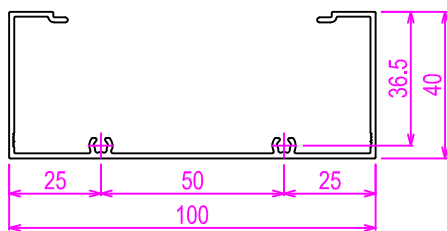
9K-86001

W = 0.948 kg/m
t = 1.35 mm
Coating Perimeter = 188 mm



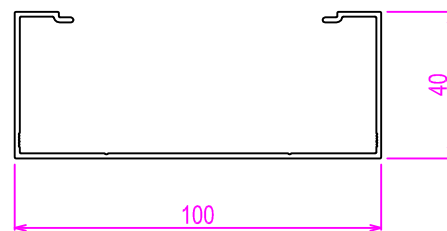
9K-86002

W = 0.878 kg/m
t = 1.35 mm
Coating Perimeter = 188 mm



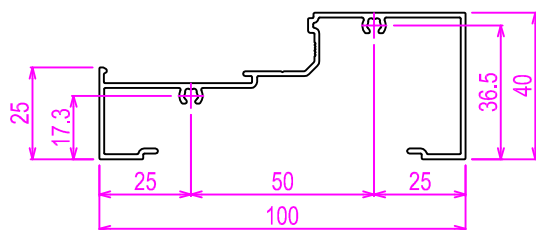
9K-86003

W = 0.826 kg/m
t = 1.35 mm
Coating Perimeter = 205 mm



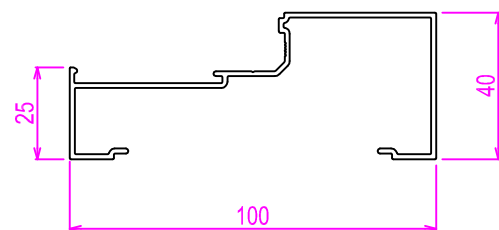
9K-86004

W = 0.756 kg/m
t = 1.35 mm
Coating Perimeter = 205 mm



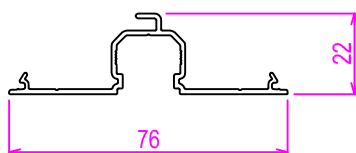
9K-86005

W = 0.854 kg/m
t = 1.35 mm
Coating Perimeter = 131 mm



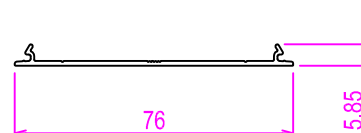
9K-86006

W = 0.785 kg/m
t = 1.35 mm
Coating Perimeter = 131 mm



9K-86007

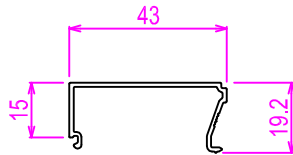
W = 0.458 kg/m
t = 1.35 mm
Coating Perimeter = 60 mm



9K-86008

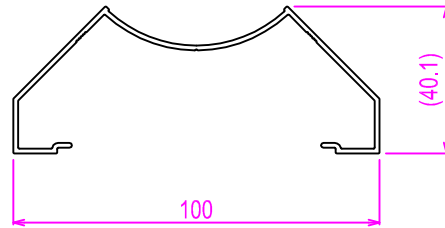
W = 0.302 kg/m
t = 1.35 mm
Coating Perimeter = 77 mm

1. FRONT SERIES



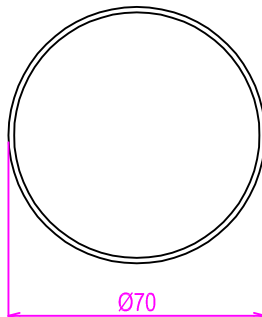
9K-86009

W = 0.257 kg/m
t = 1.15 mm
Coating Perimeter = 57 mm



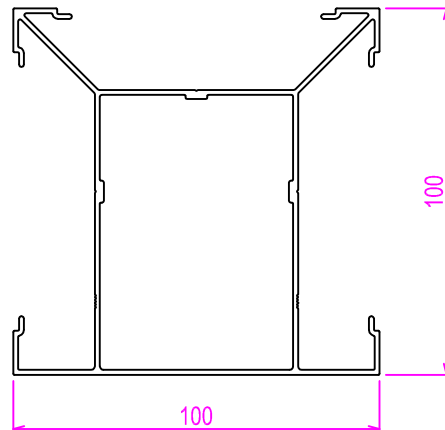
9K-86011

W = 0.673 kg/m
t = 1.35 mm
Coating Perimeter = 129 mm



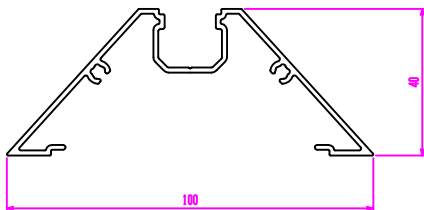
K-76885

W = 0.872 kg/m
t = 1.50 mm
Coating Perimeter = 220 mm



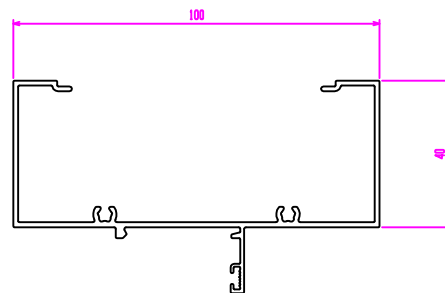
9K-86012

W = 1.739 kg/m
t = 1.35 mm
Coating Perimeter = 177 mm



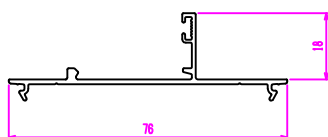
9K-86016

W = 0.789 kg/m
t = 1.35 mm
Coating Perimeter = 119.48



9K-86072

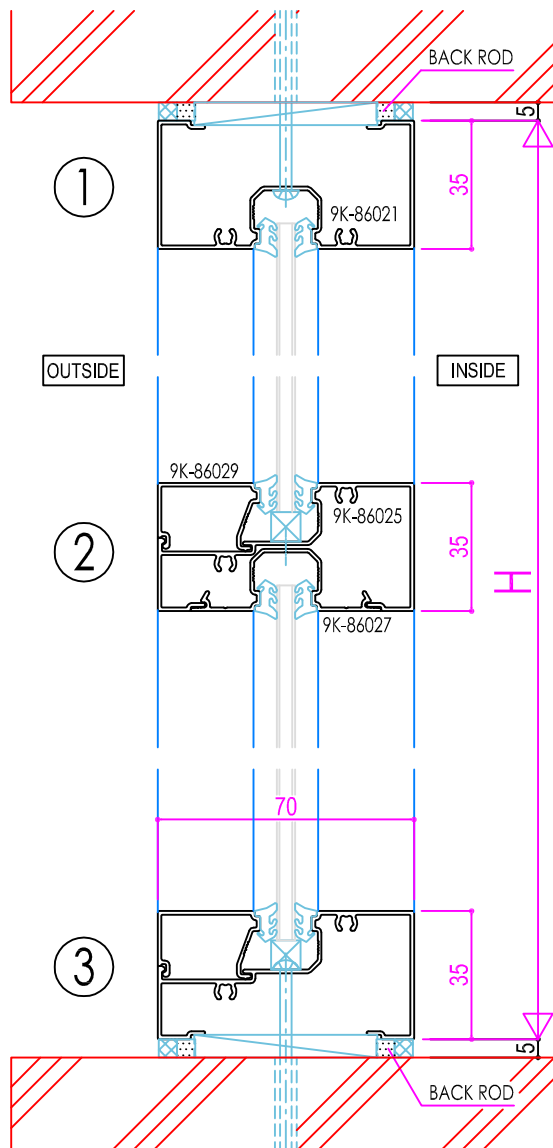
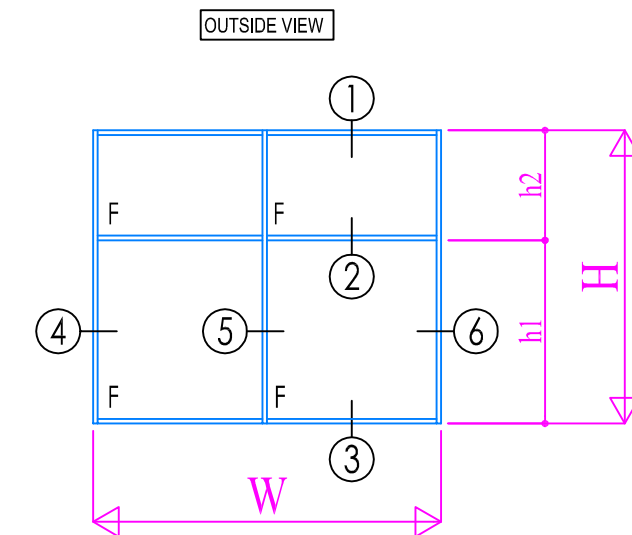
W = 0.929 kg/m
t = 1.35 mm
Coating Perimeter = 241.92



9K-86073

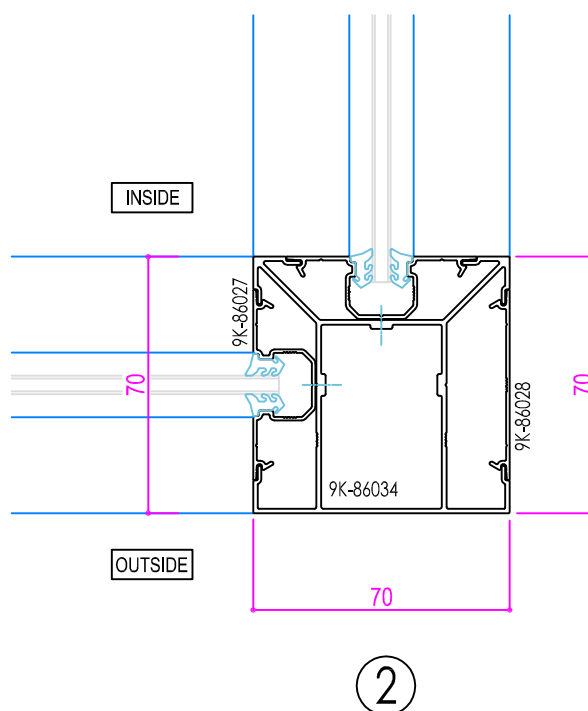
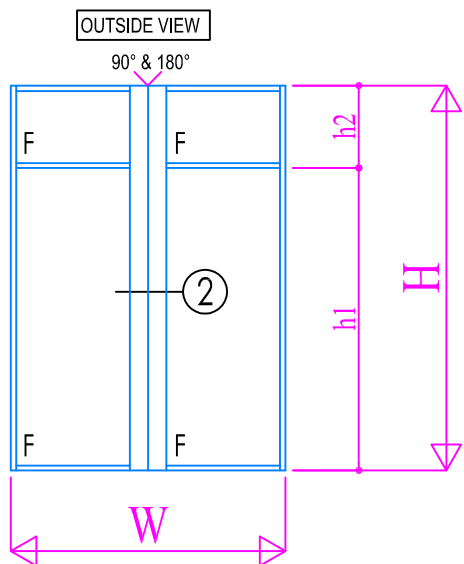
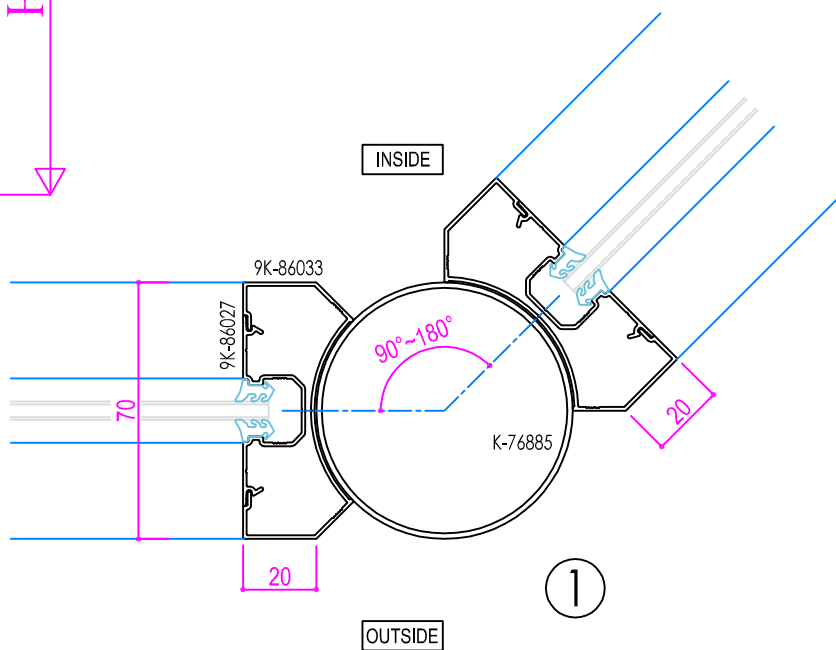
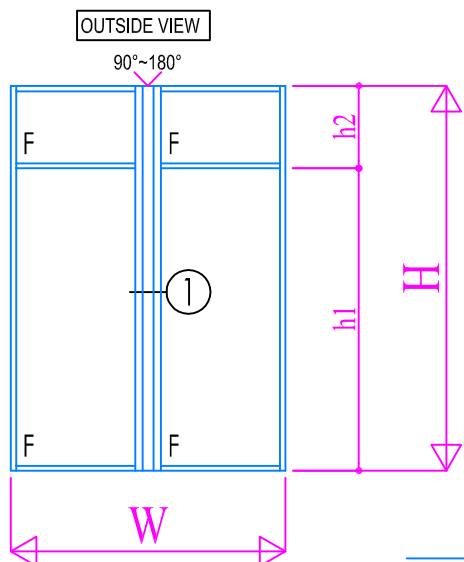
W = 0.404 kg/m
t = 1.35 mm
Coating Perimeter = 138.06

1. FRONT SERIES

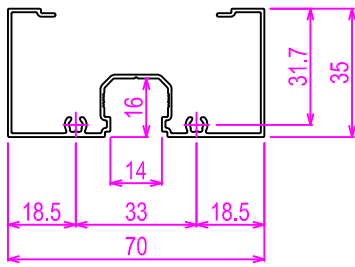


1.2.SF-70t=1.0

1. FRONT SERIES

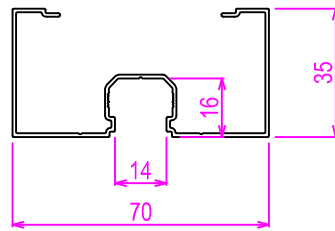


1.2. SF - 70 t=1.0



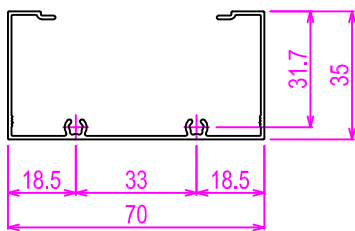
9K-86021

W = 0.592 kg/m
t = 1.00 mm
Coating Perimeter = 142 mm



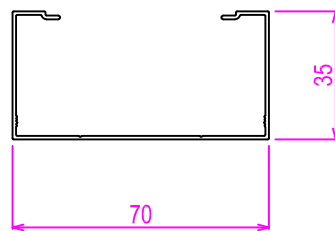
9K-86022

W = 0.528 kg/m
t = 1.00 mm
Coating Perimeter = 142 mm



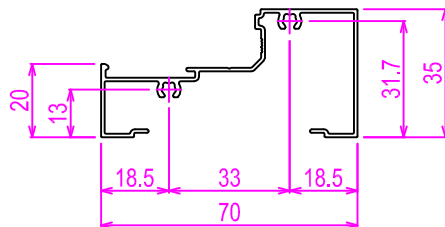
9K-86023

W = 0.507 kg/m
t = 1.00 mm
Coating Perimeter = 158 mm



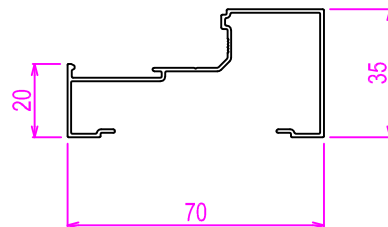
9K-86024

W = 0.443 kg/m
t = 1.00 mm
Coating Perimeter = 158 mm



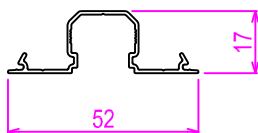
9K-86025

W = 0.525 kg/m
t = 1.00 mm
Coating Perimeter = 100 mm



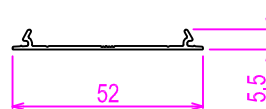
9K-86026

W = 0.462 kg/m
t = 1.00 mm
Coating Perimeter = 100 mm



9K-86027

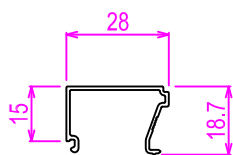
W = 0.255 kg/m
t = 1.00 mm
Coating Perimeter = 36 mm



9K-86028

W = 0.166 kg/m
t = 1.00 mm
Coating Perimeter = 53 mm

1. FRONT SERIES

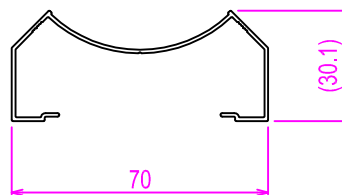


9K-86029

W = 0.188 kg/m

t = 1.00 mm

Coating Perimeter = 42 mm

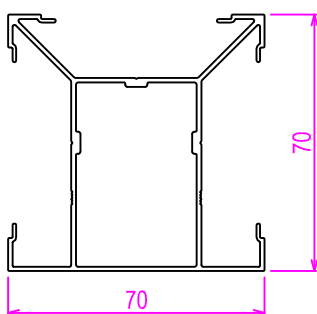


9K-86033

W = 0.397 kg/m

t = 1.00 mm

Coating Perimeter = 88 mm



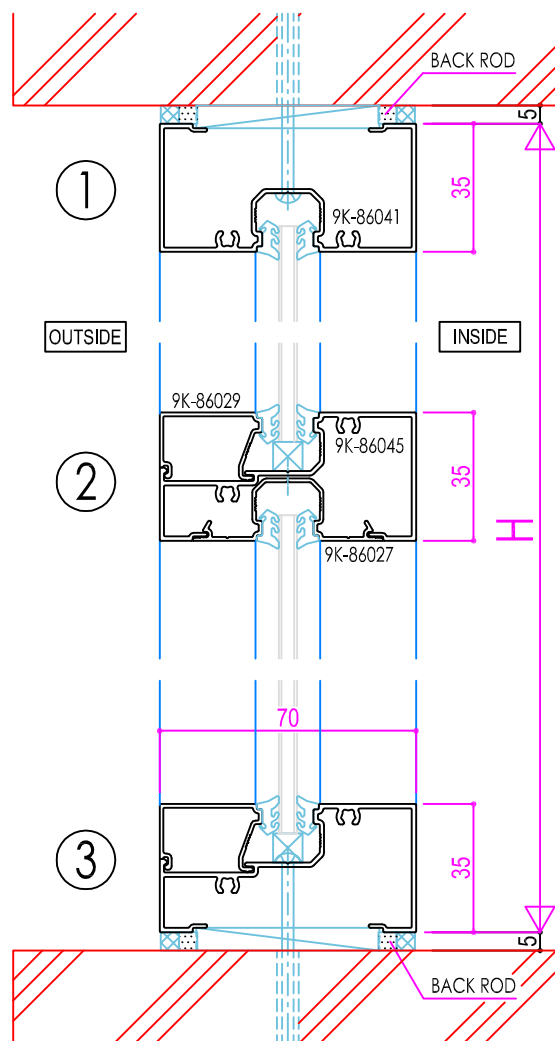
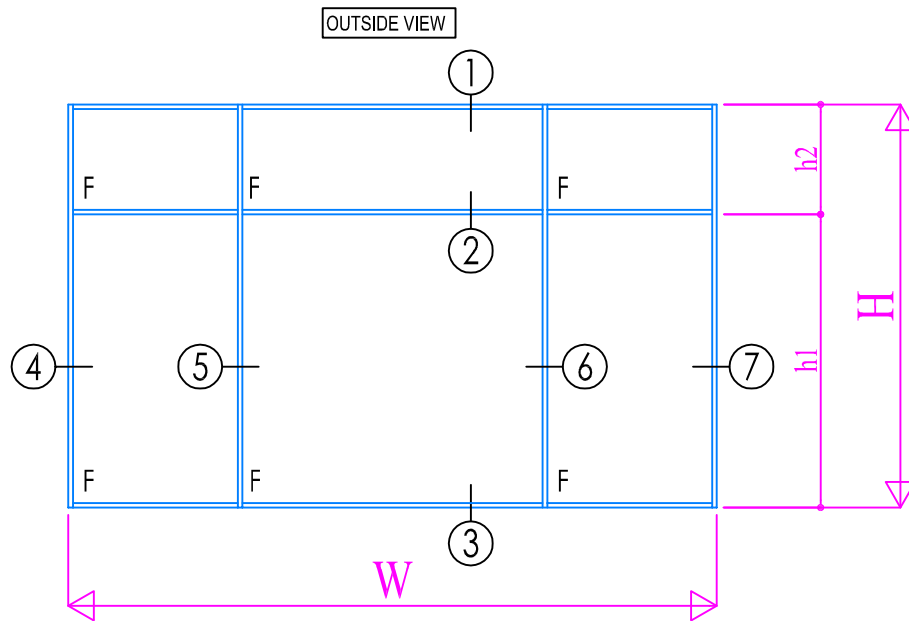
9K-86034

W = 1.154 kg/m

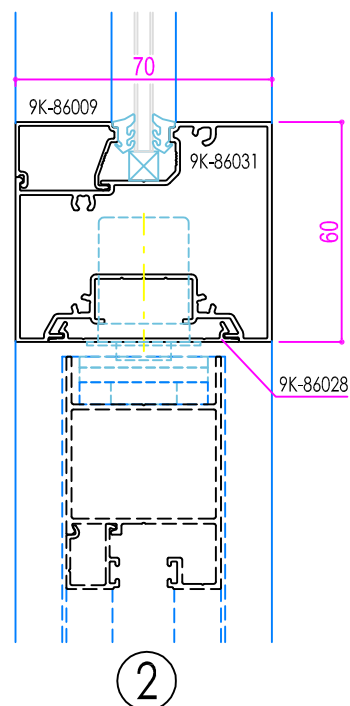
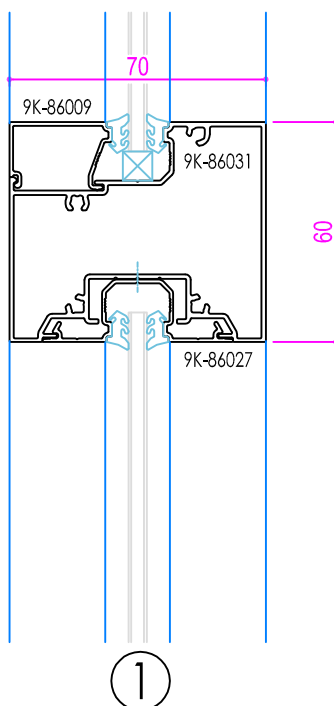
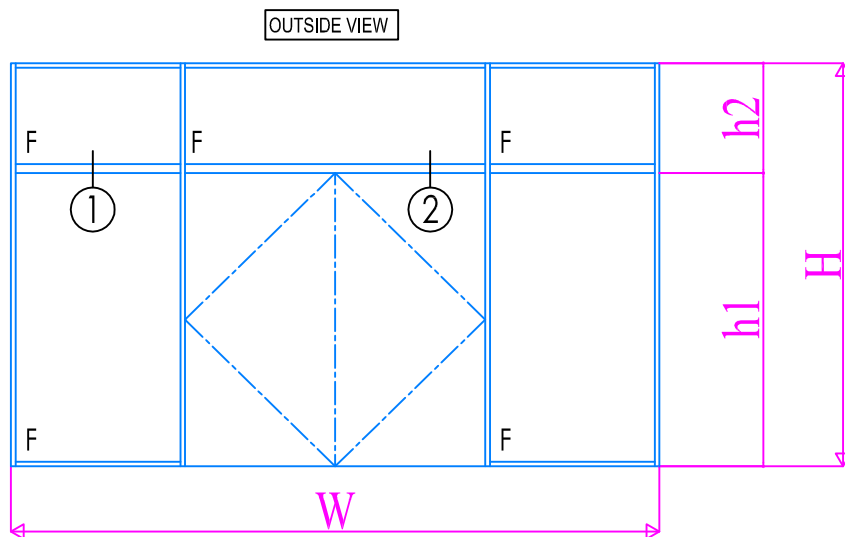
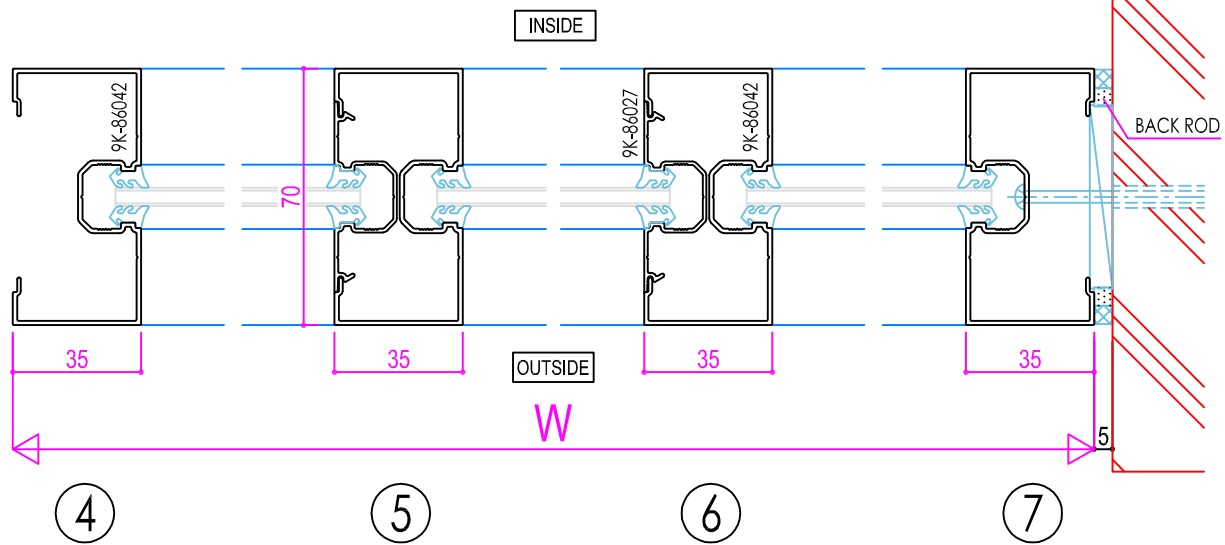
t = 1.20 mm

Coating Perimeter = 127 mm

1.2. SF - 70 t=1.0

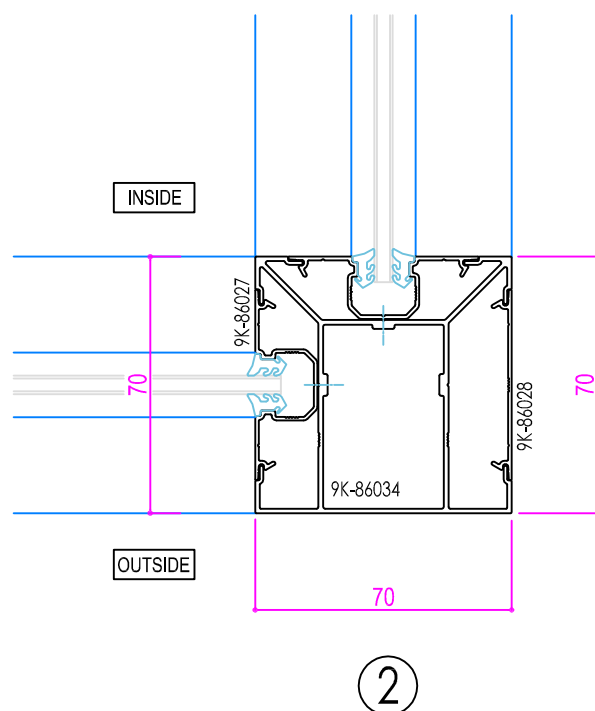
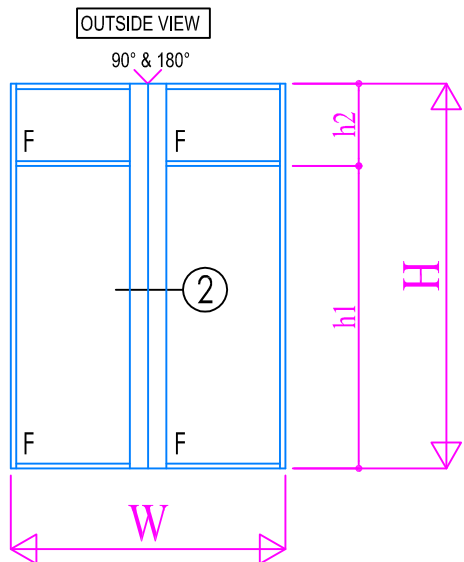
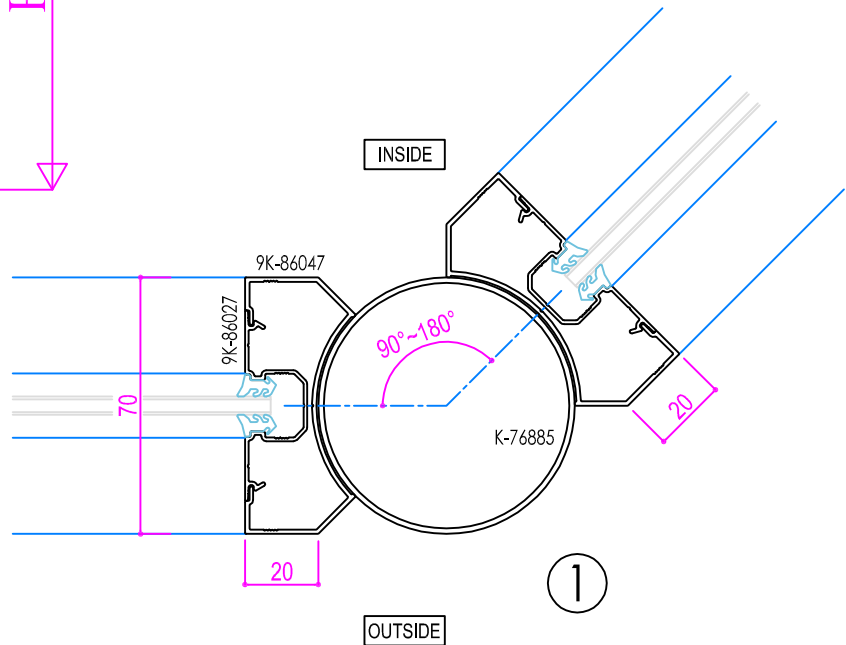
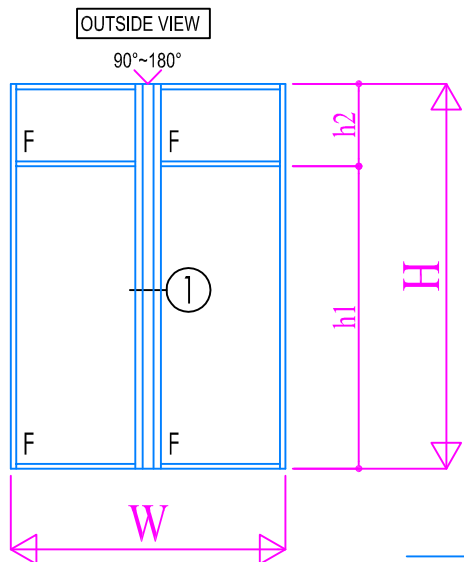


1. FRONT SERIES

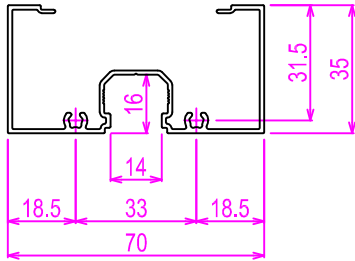


1.3. SF - 70 t=1.2

1. FRONT SERIES

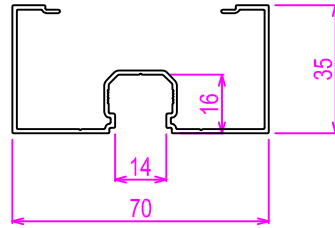


1. FRONT SERIES



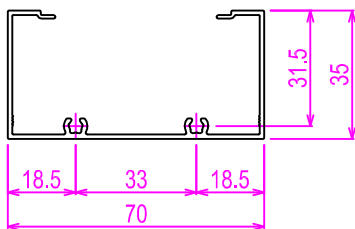
9K-86041

W = 0.699 kg/m
t = 1.20 mm
Coating Perimeter = 142 mm



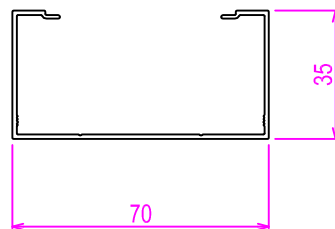
9K-86042

W = 0.625 kg/m
t = 1.00 mm
Coating Perimeter = 142 mm



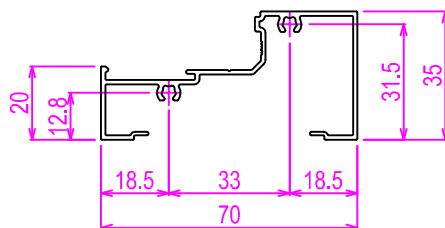
9K-86043

W = 0.597 kg/m
t = 1.20 mm
Coating Perimeter = 158 mm



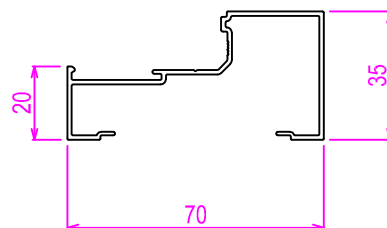
9K-86044

W = 0.522 kg/m
t = 1.20 mm
Coating Perimeter = 158 mm



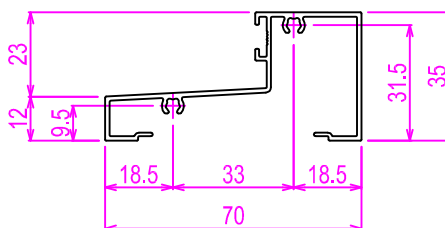
9K-86045

W = 0.615 kg/m
t = 1.20 mm
Coating Perimeter = 100 mm



9K-86046

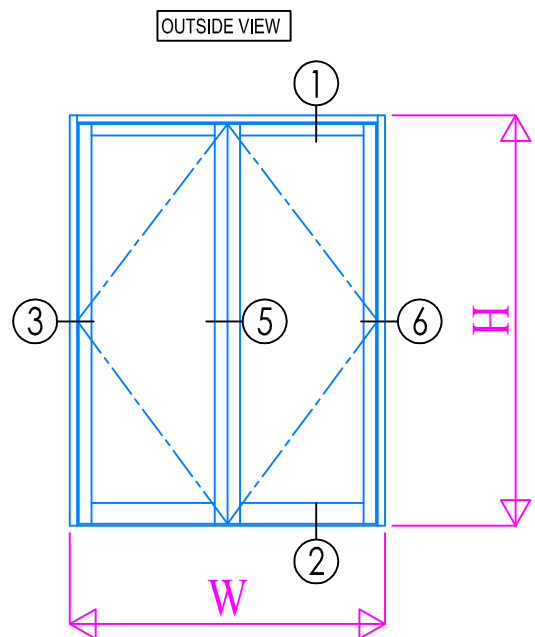
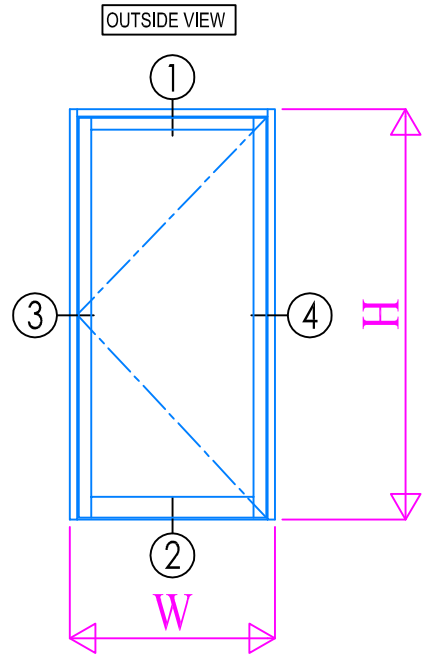
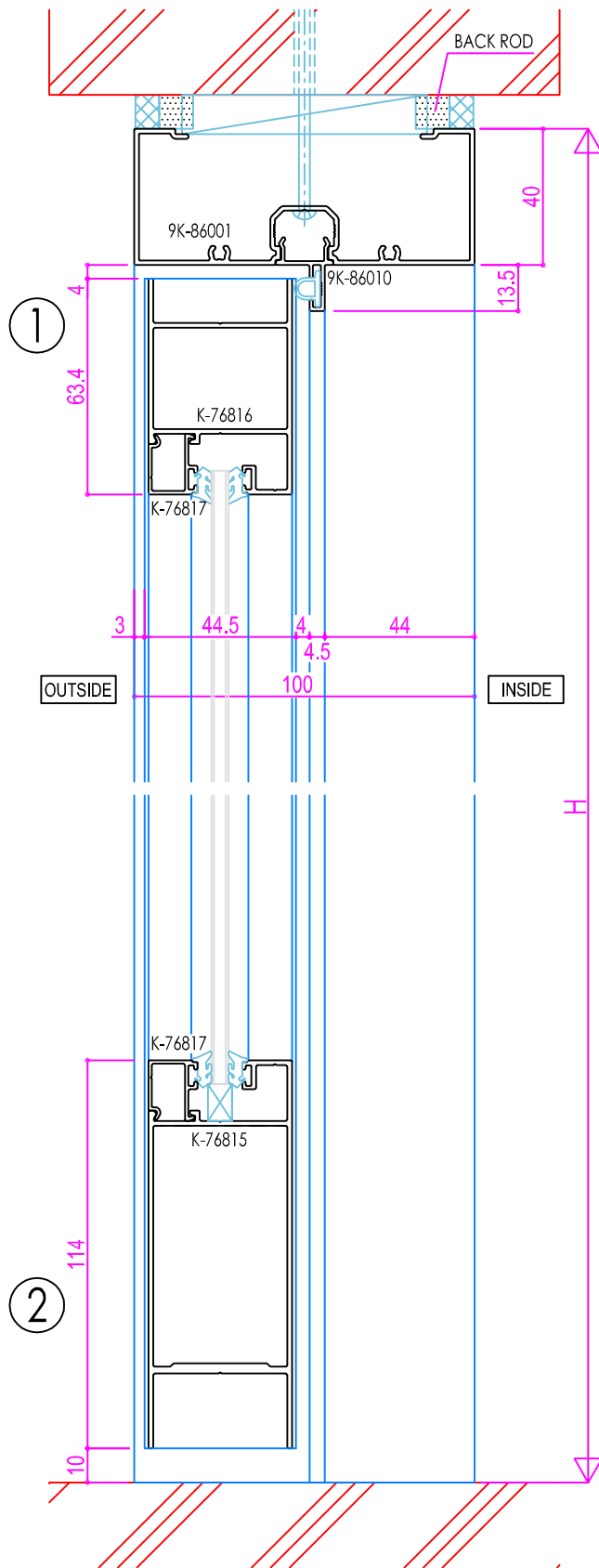
W = 0.541 kg/m
t = 1.20 mm
Coating Perimeter = 100 mm



9K-86048

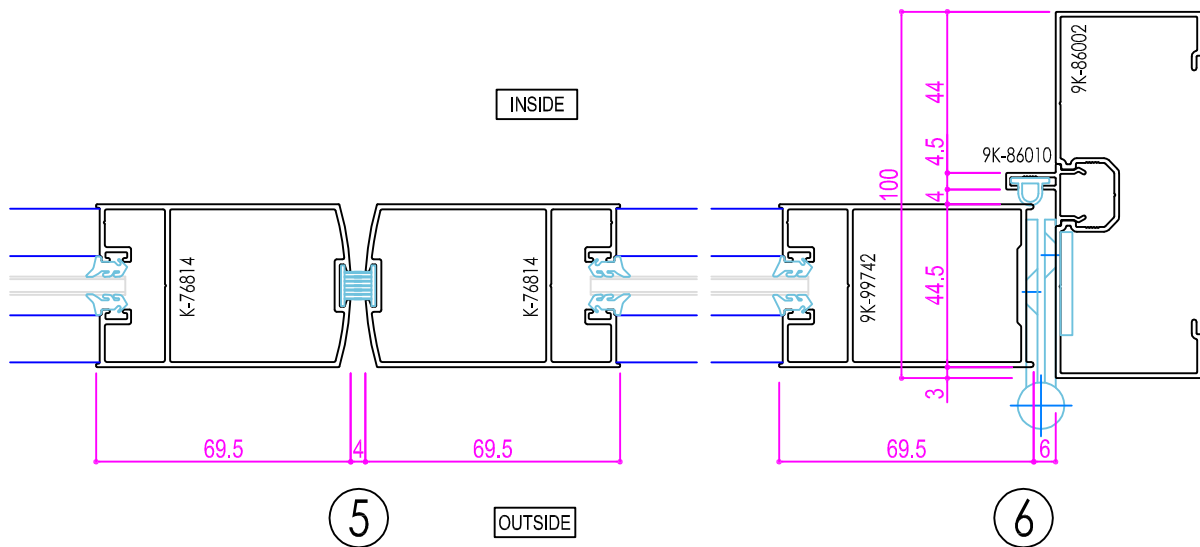
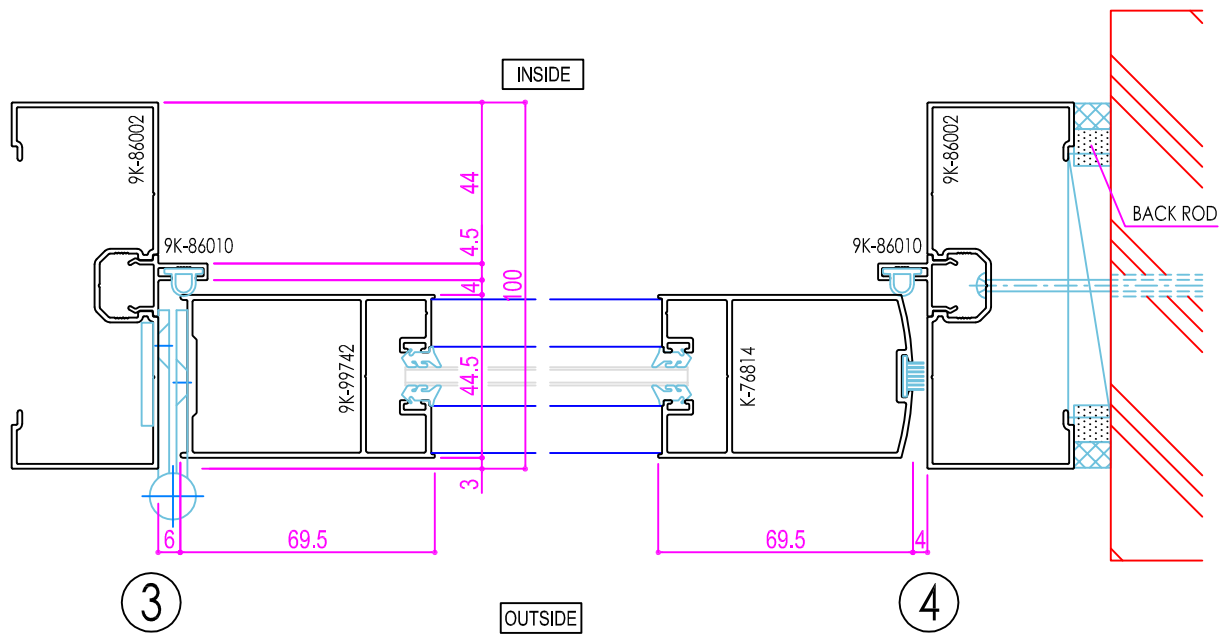
W = 0.605 kg/m
t = 1.20 mm
Coating Perimeter = 156 mm

1. FRONT SERIES



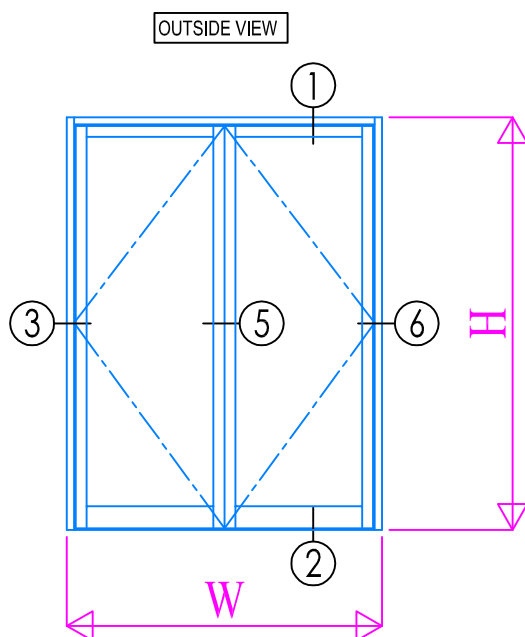
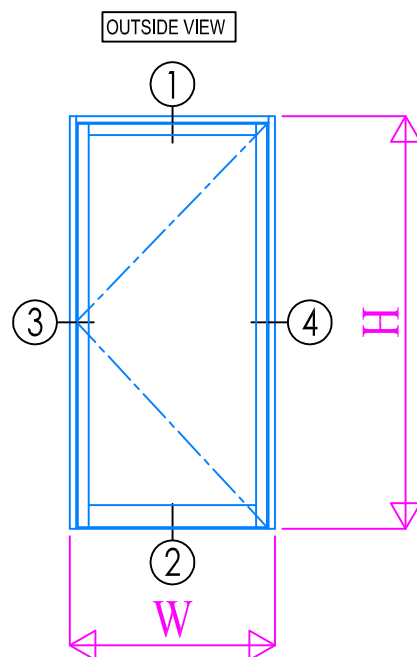
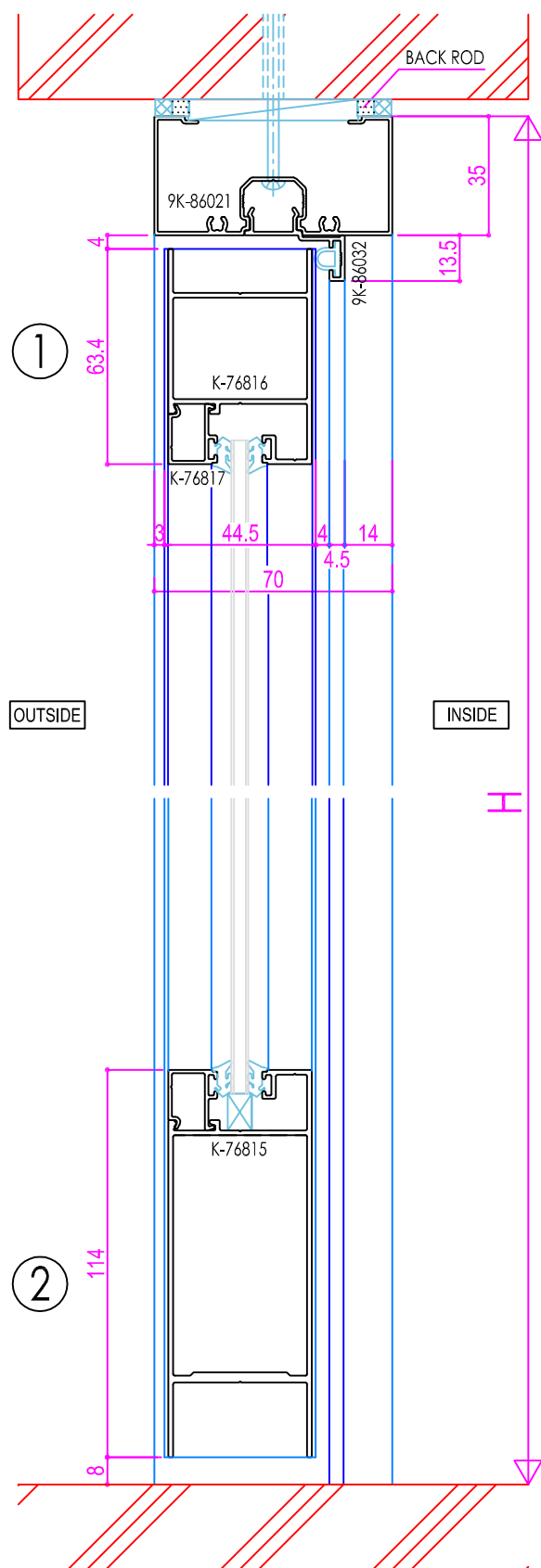
1.4. Butt Hinge Door

1. FRONT SERIES



1.4. Butt Hinge Door

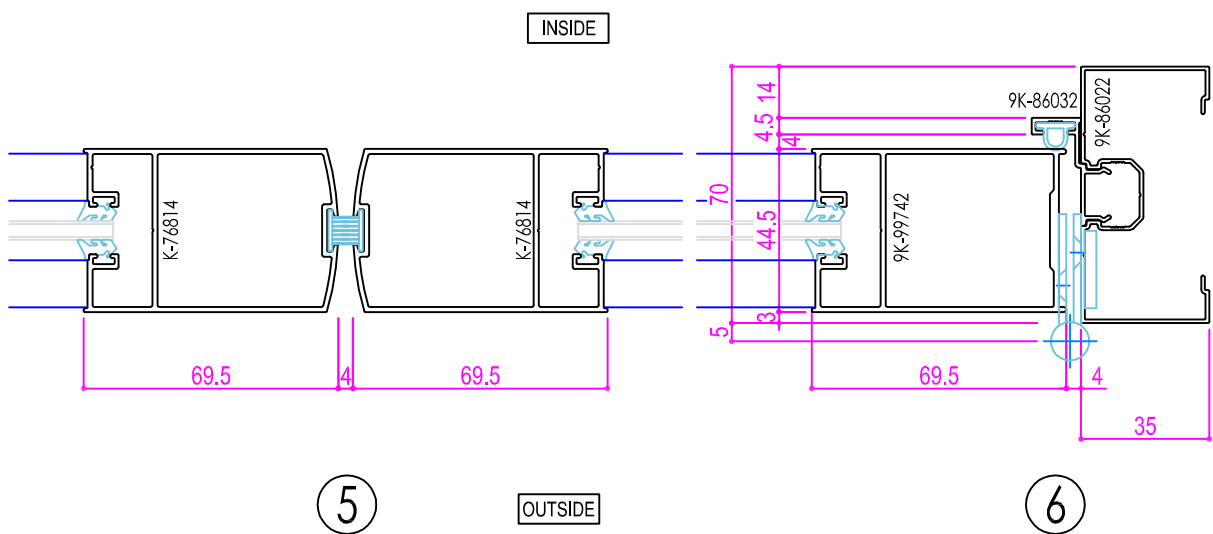
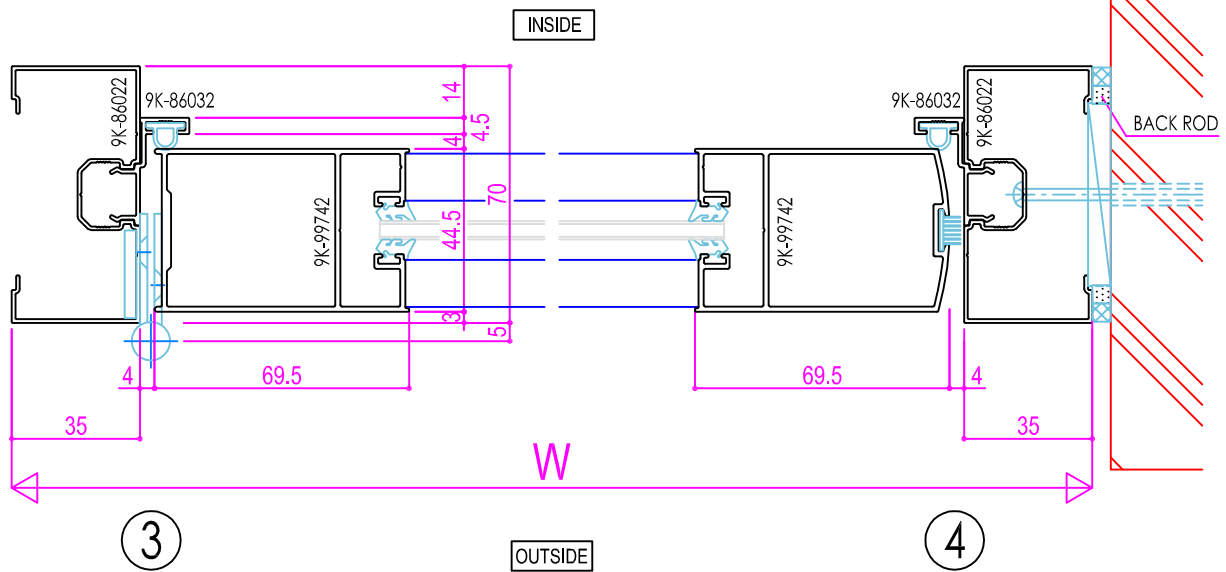
1. FRONT SERIES



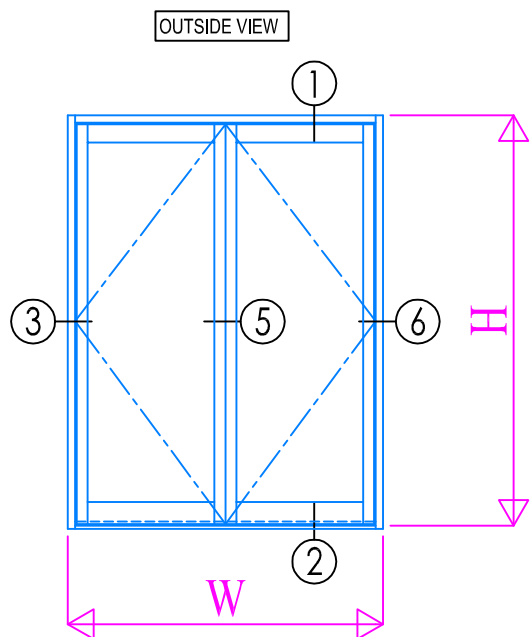
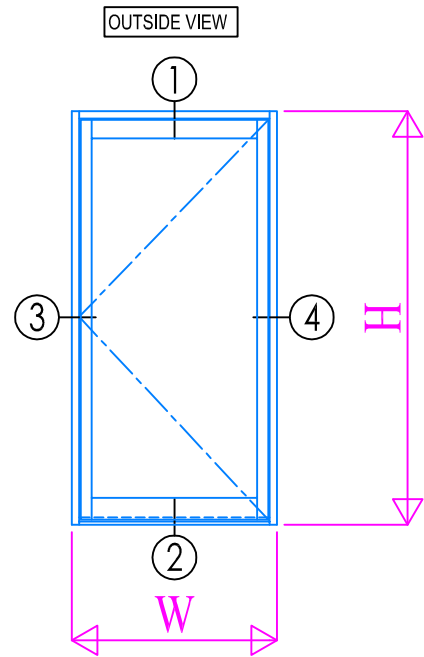
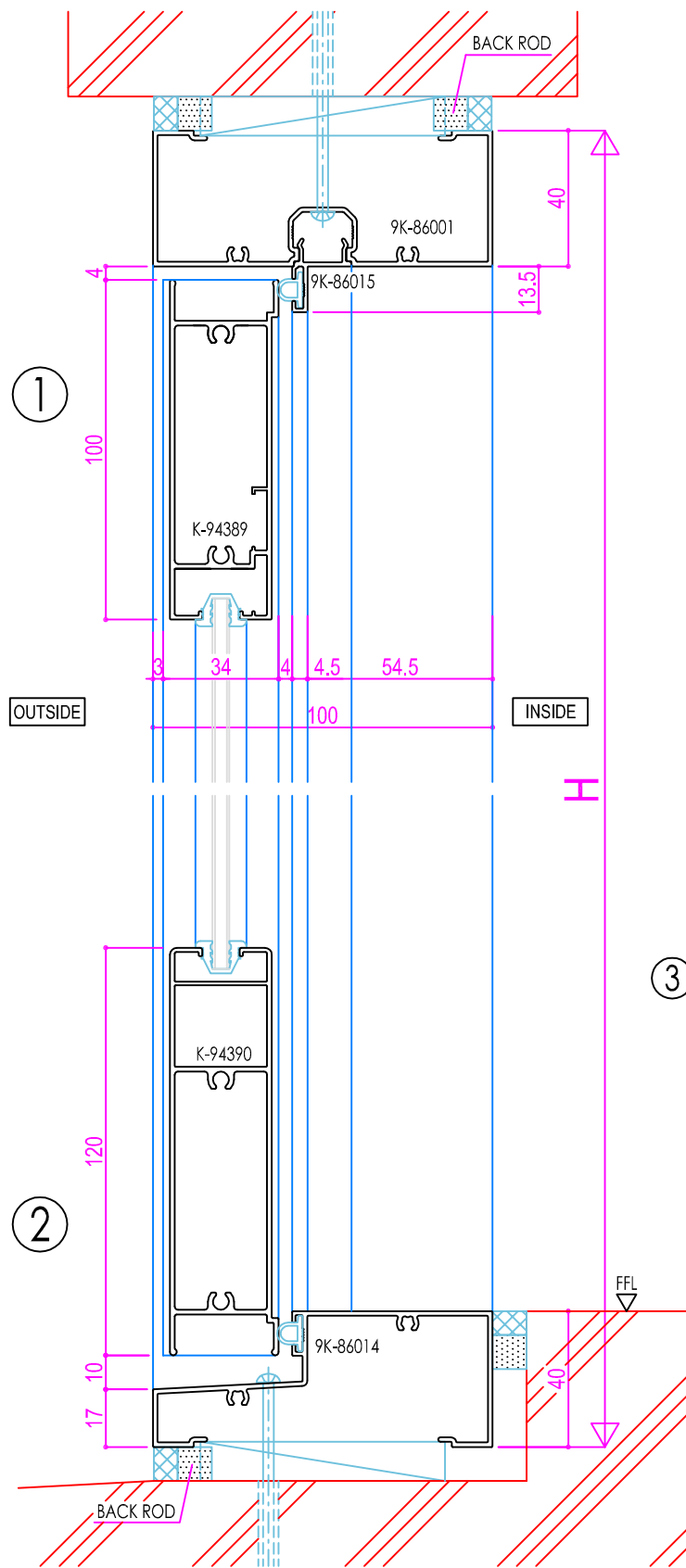
1.4. Butt Hinge Door

1. FRONT SERIES

1.4. Butt Hinge Door



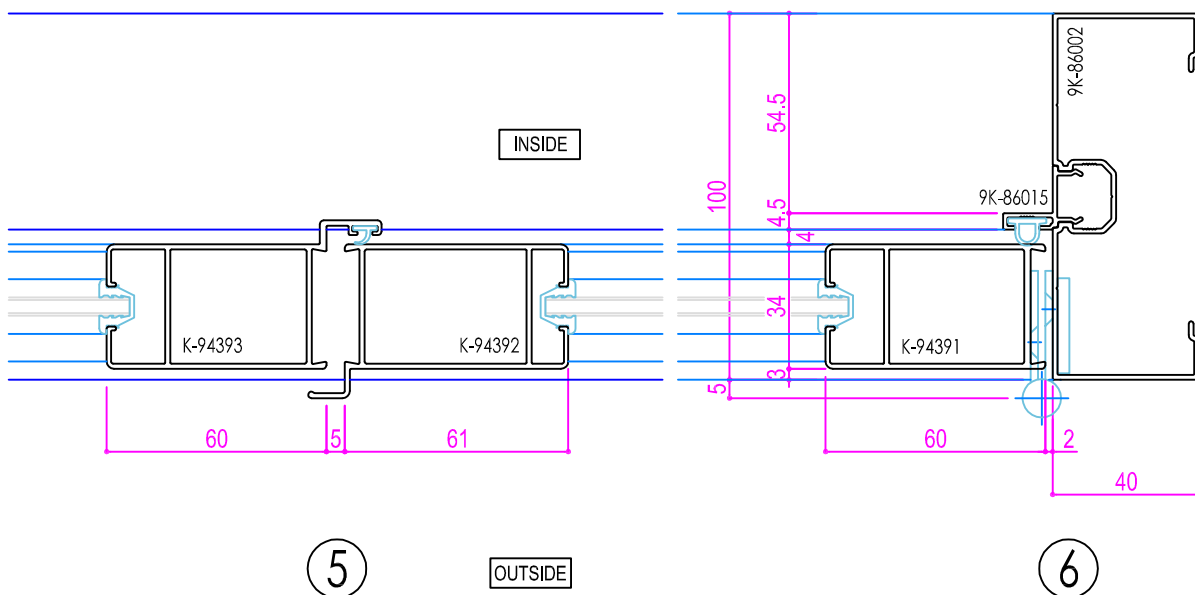
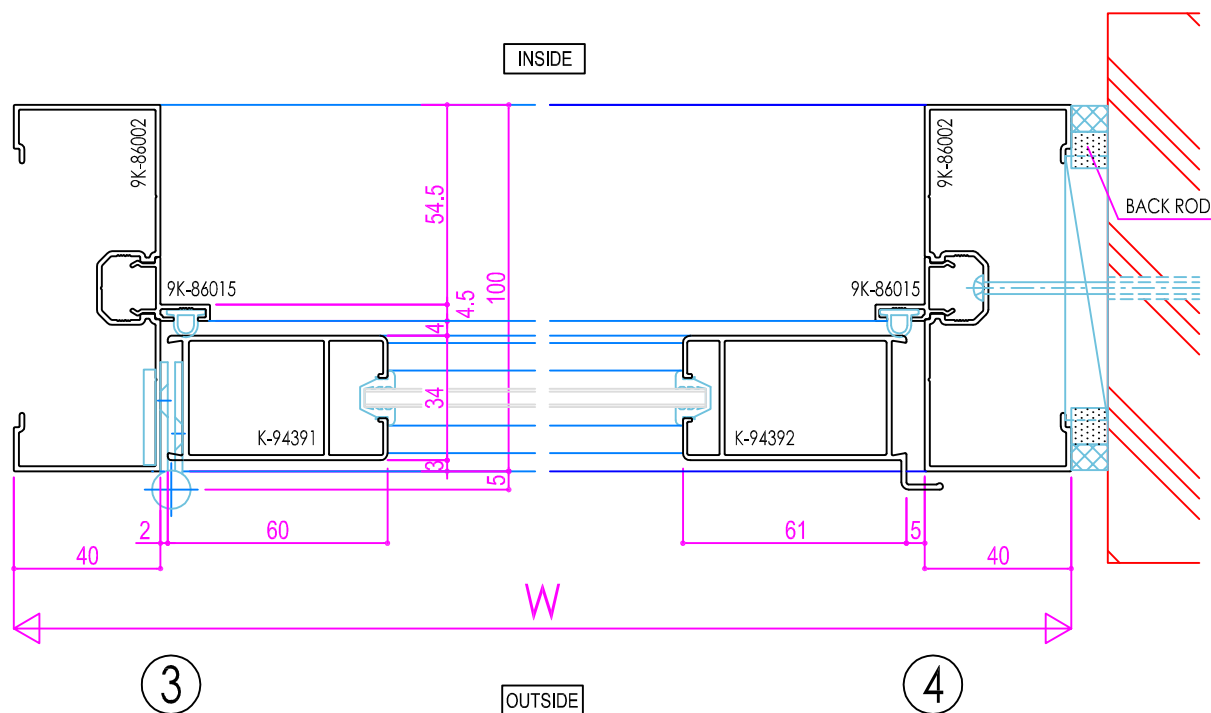
1. FRONT SERIES



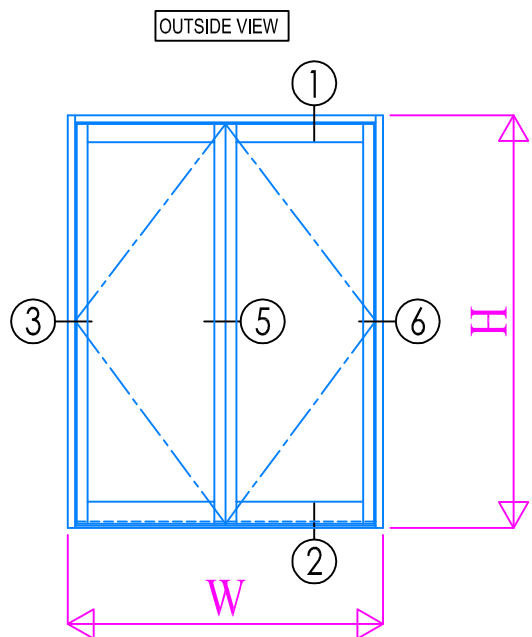
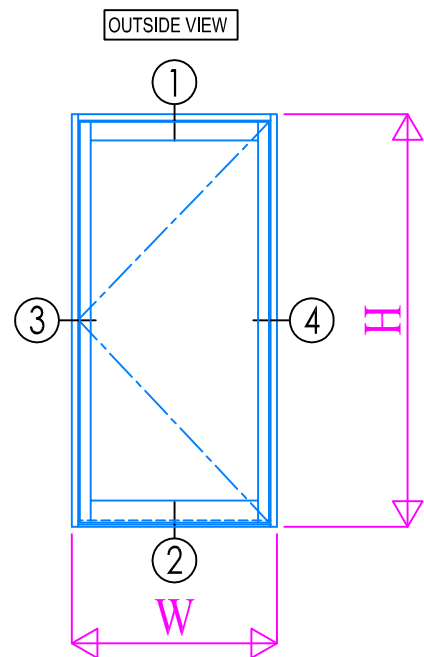
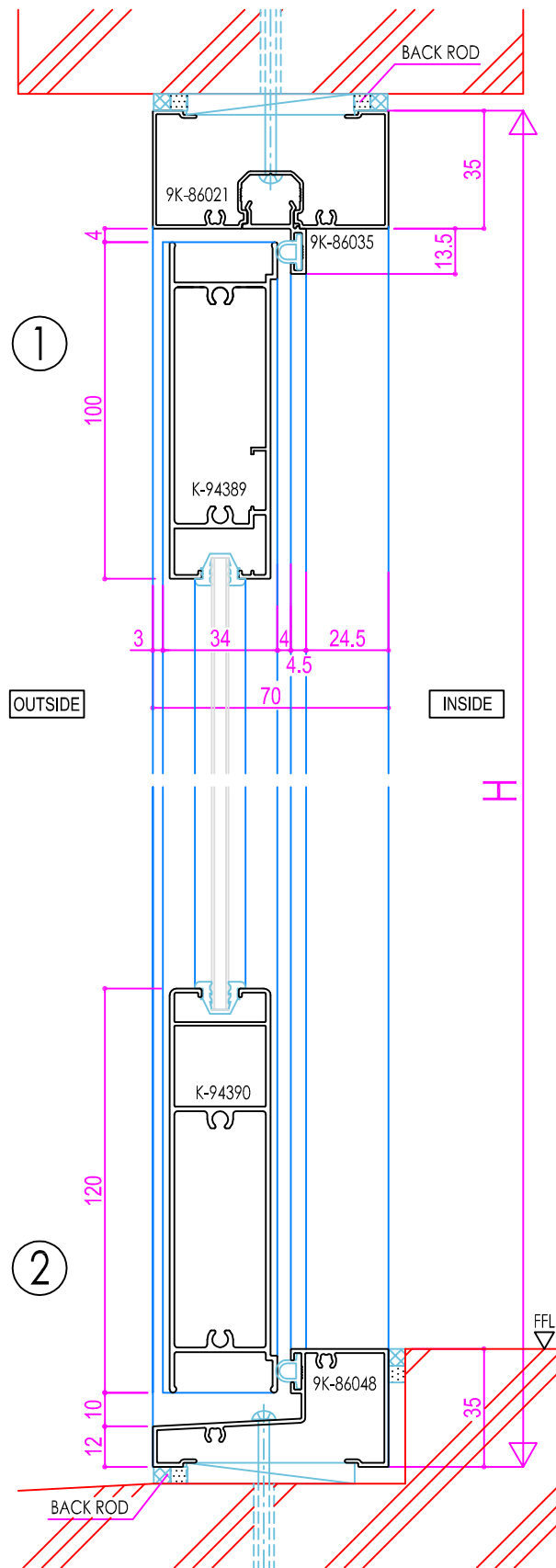
1. FRONT SERIES

PT YKK AP INDONESIA

1.4. Butt Hinge Door - YF

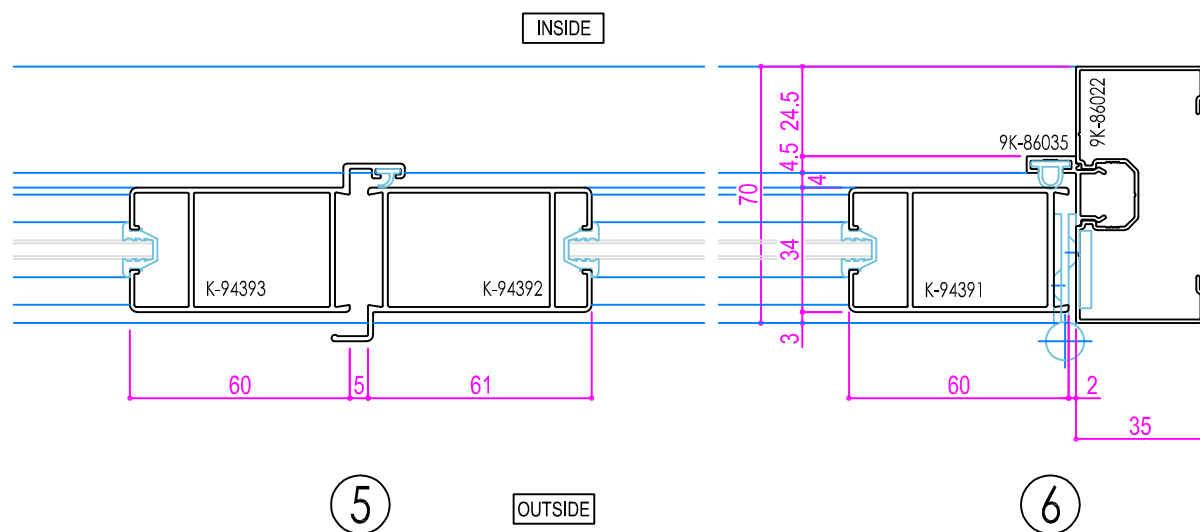
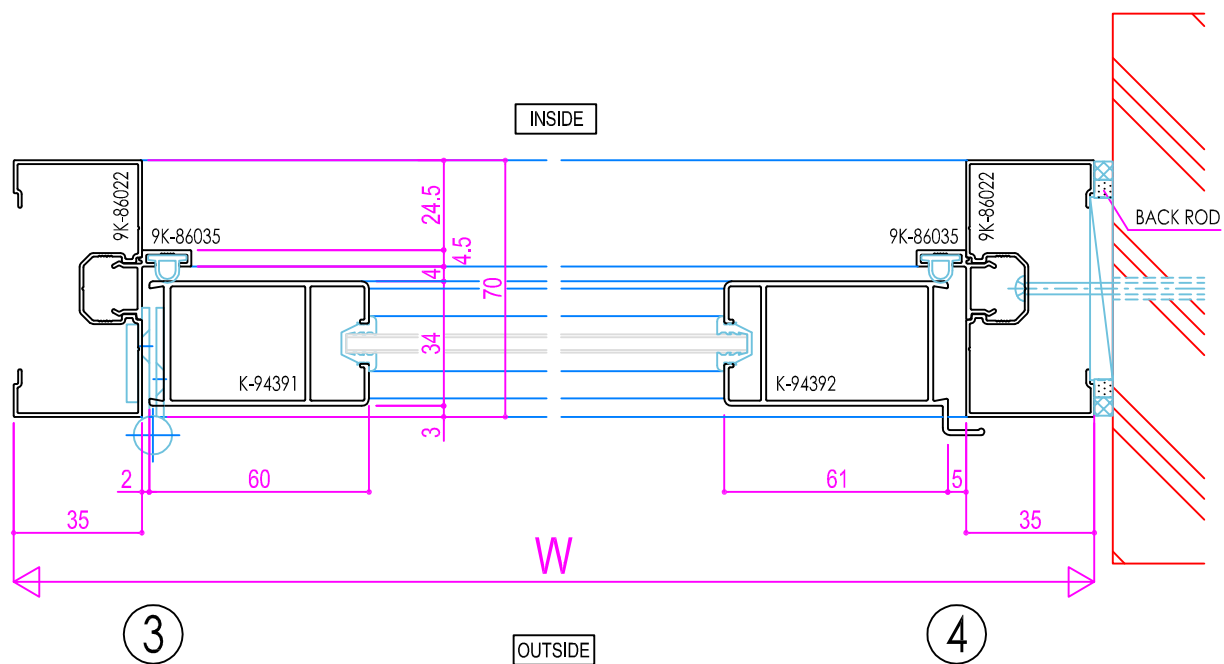


1. FRONT SERIES

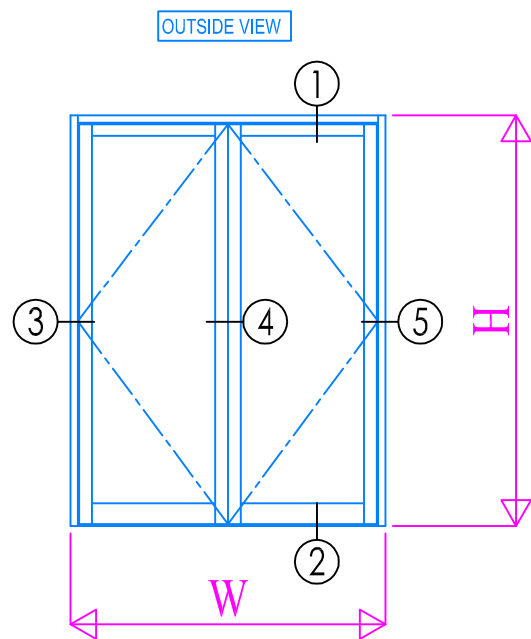
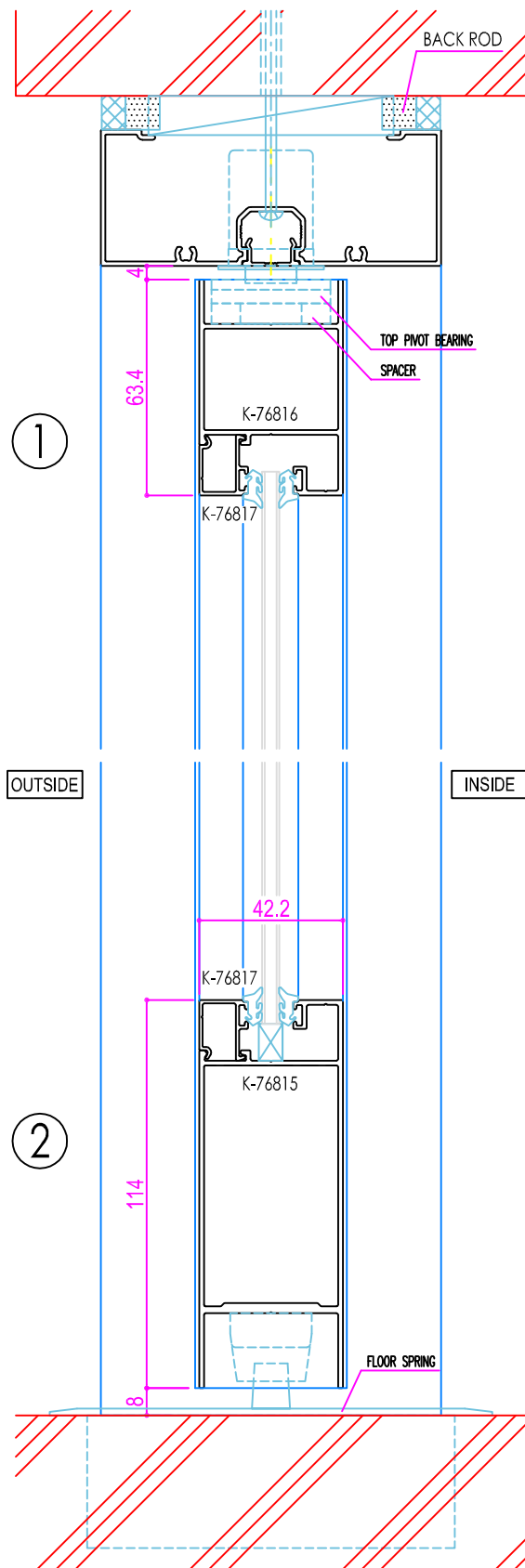


1. FRONT SERIES

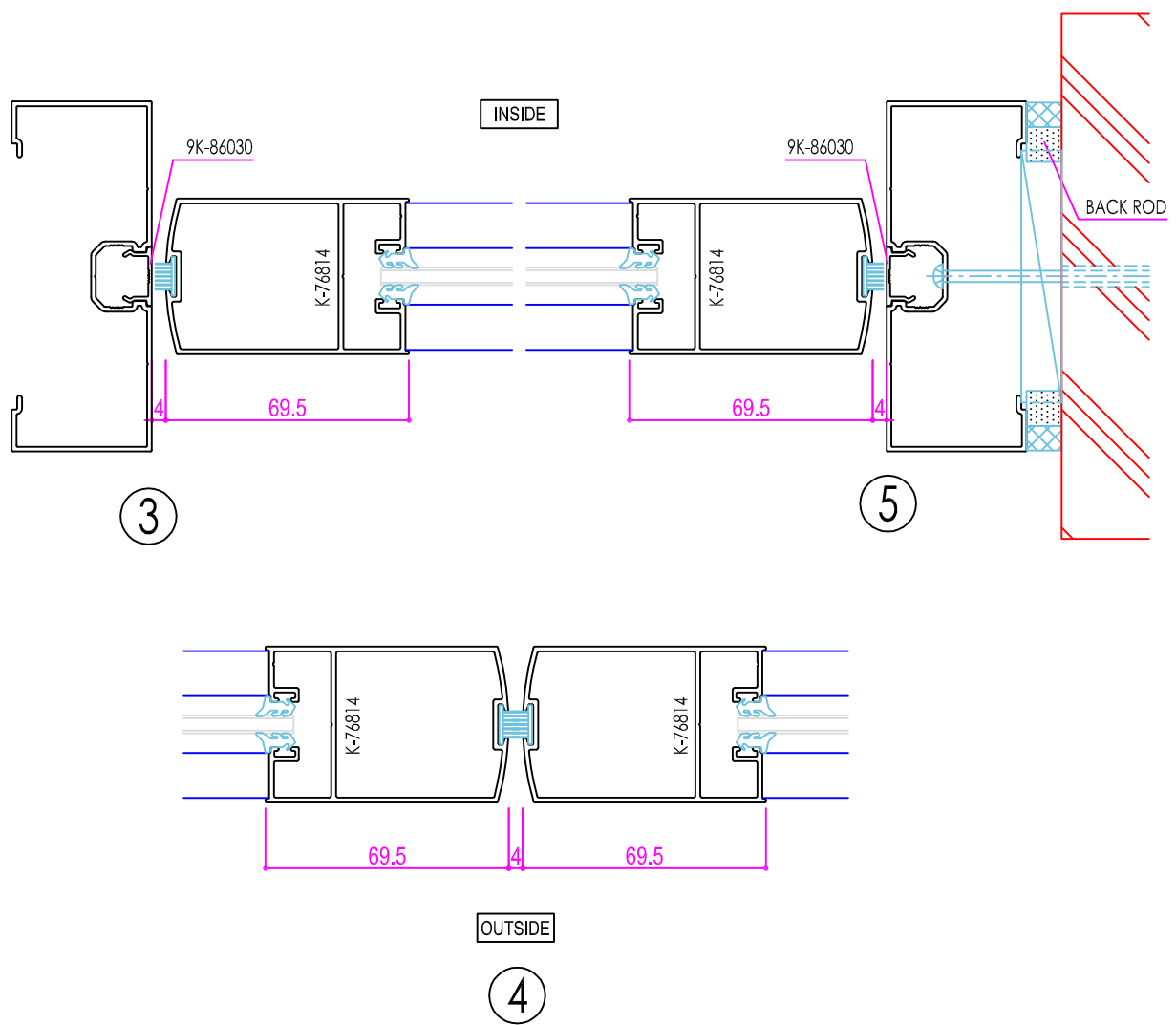
1.4. Butt Hinge Door - YF



1. FRONT SERIES

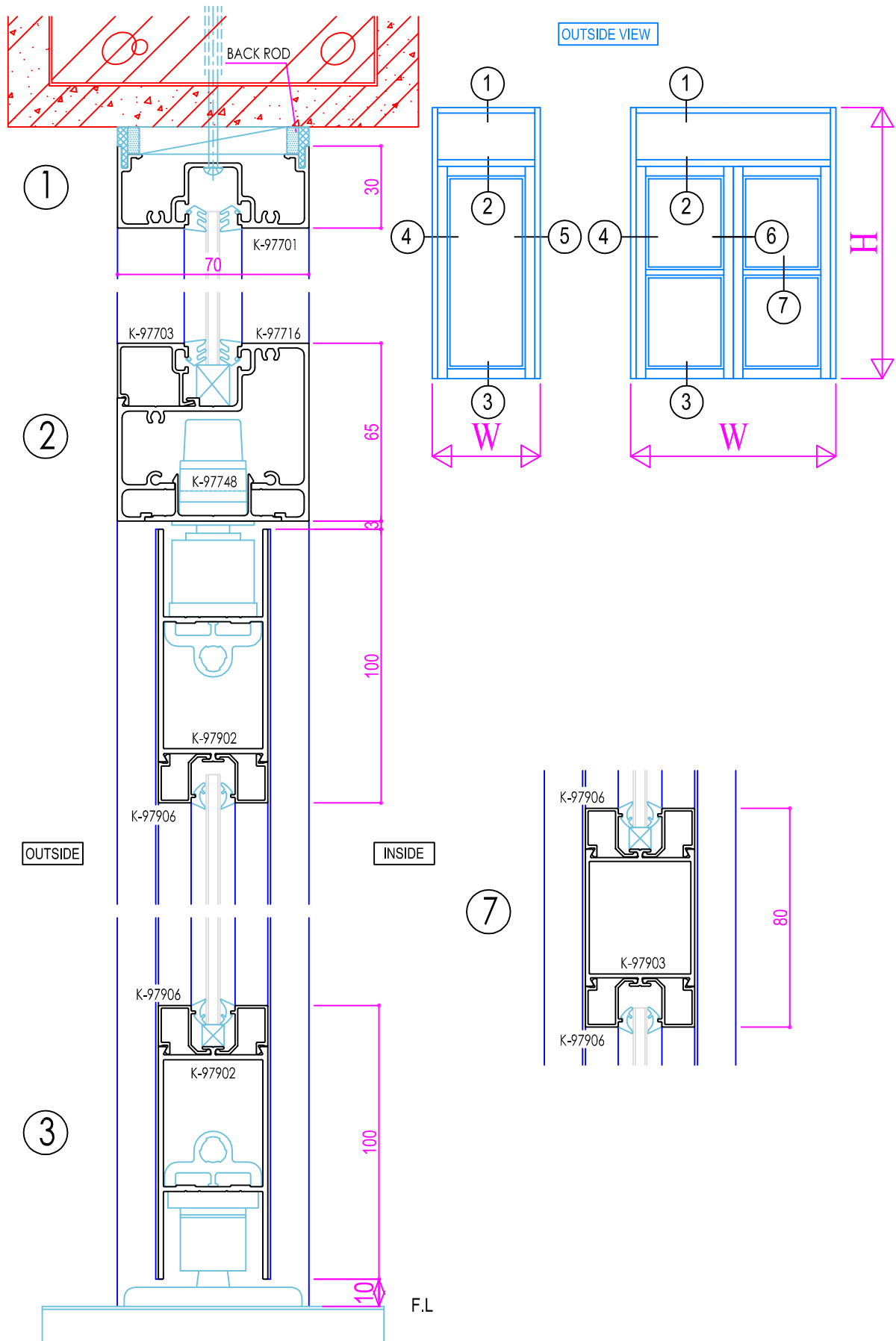


1.5. Floor Hinge Door

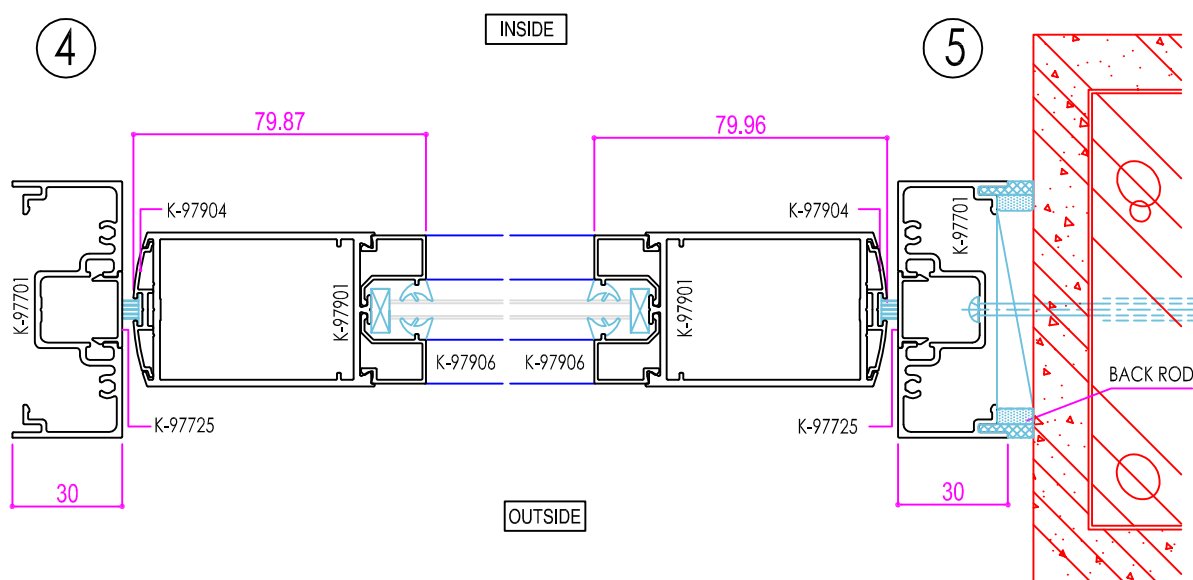
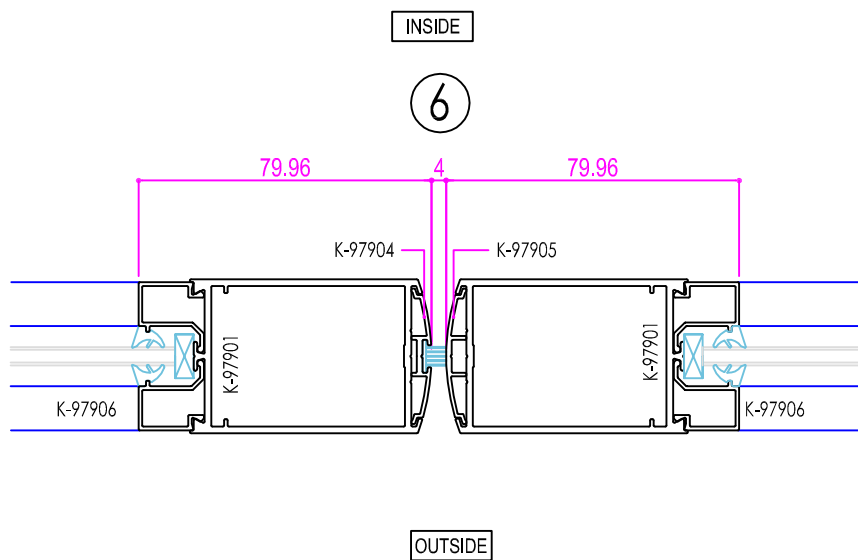


1.5. Floor Hinge Door

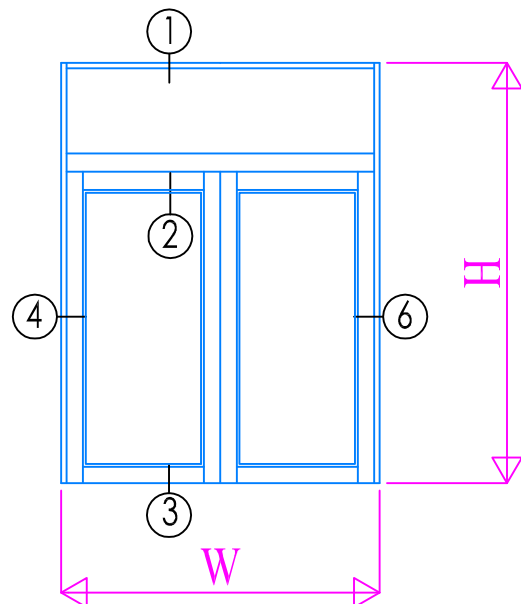
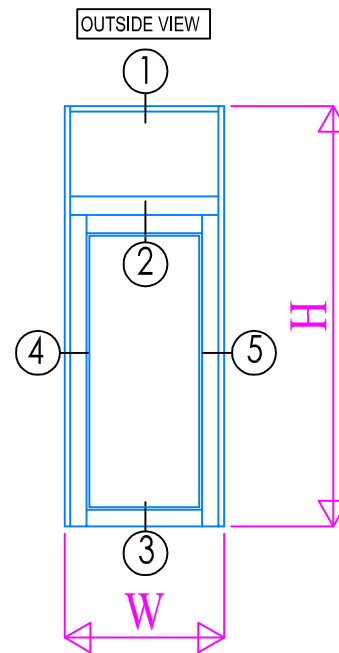
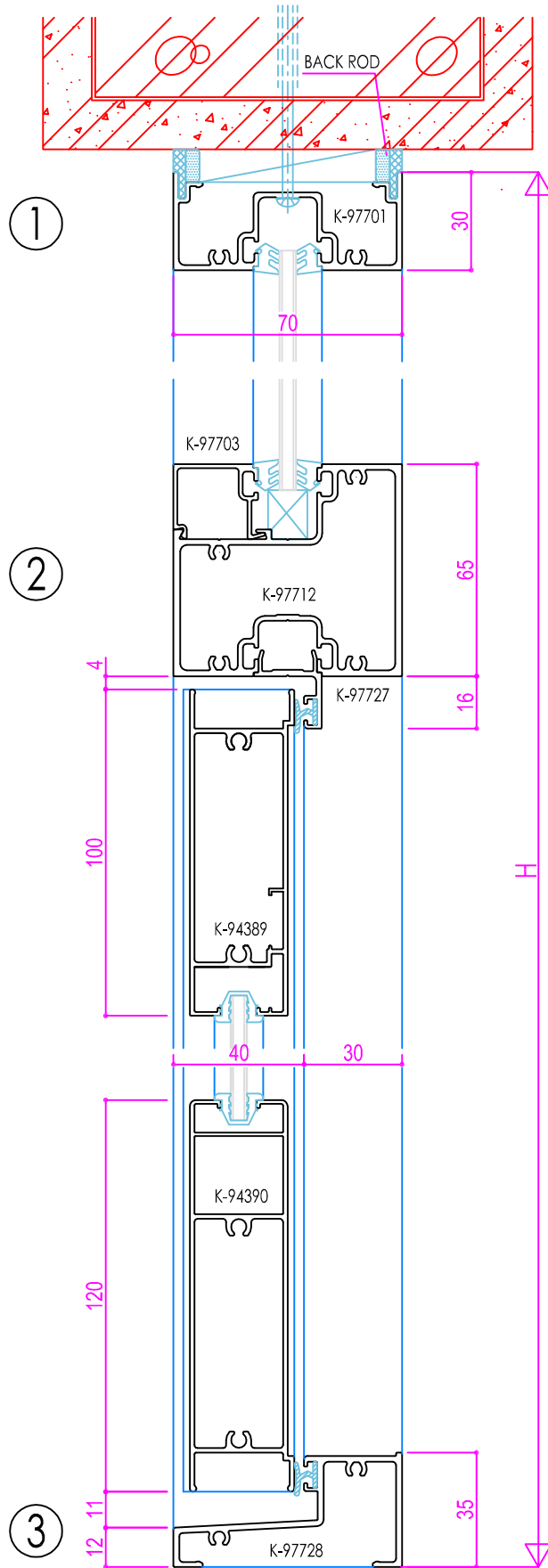
1. FRONT SERIES



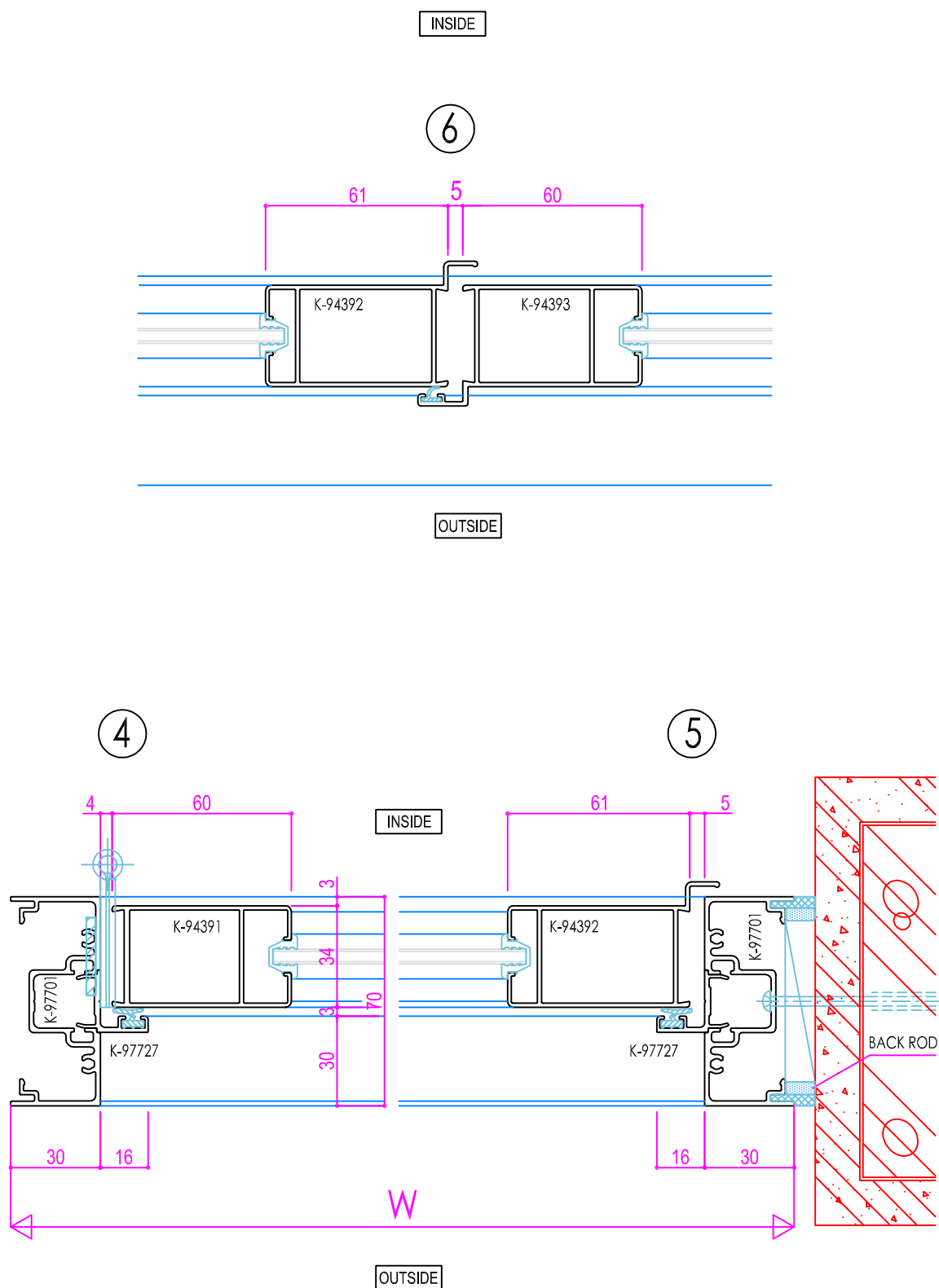
1.5. Floor Hinge Door - YF



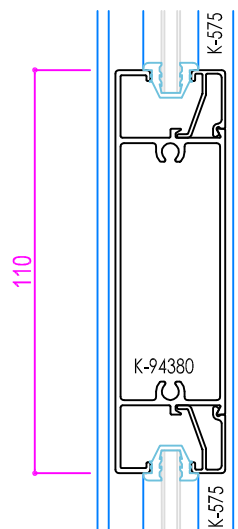
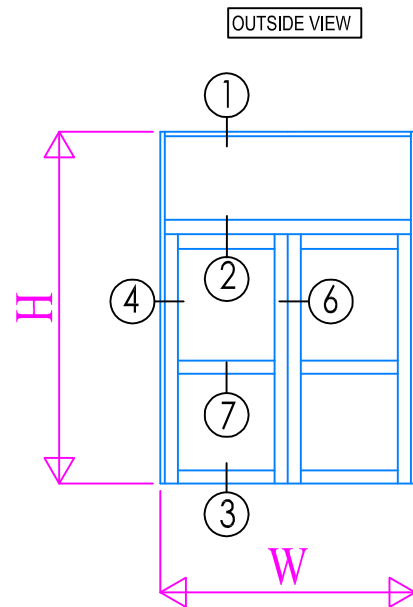
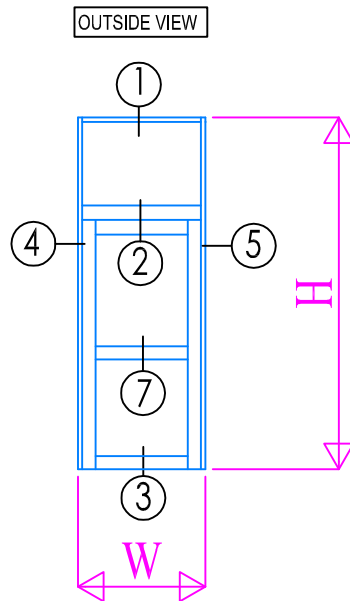
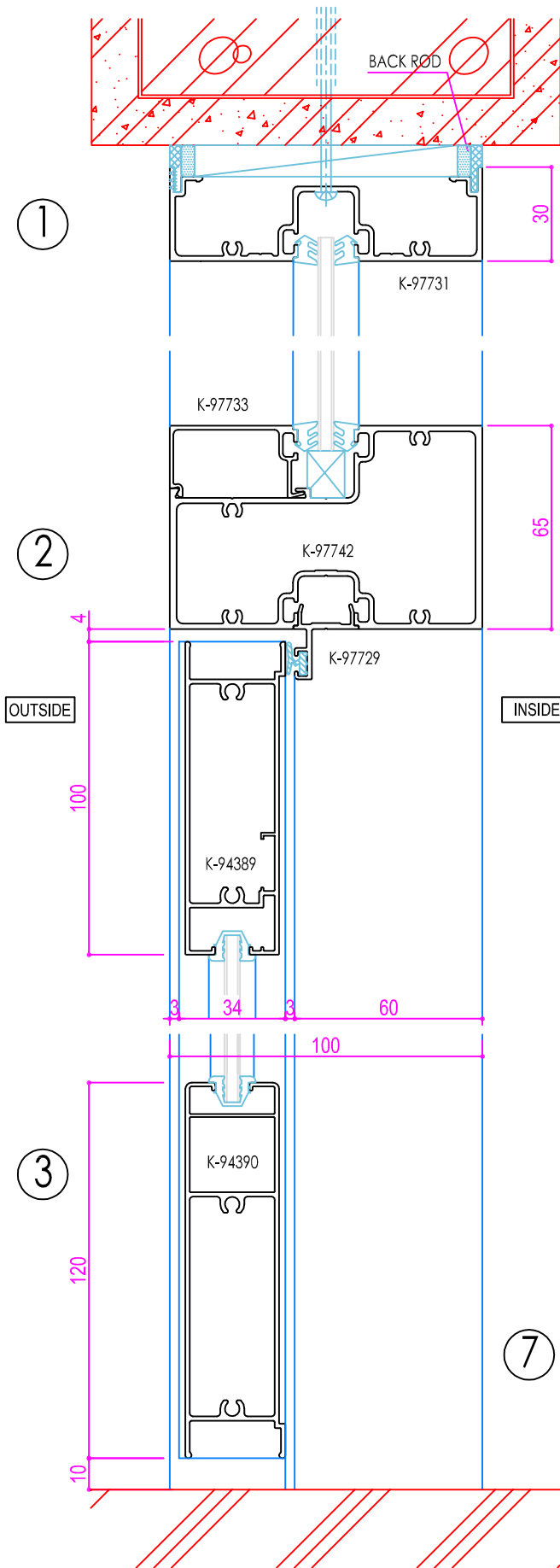
1. FRONT SERIES



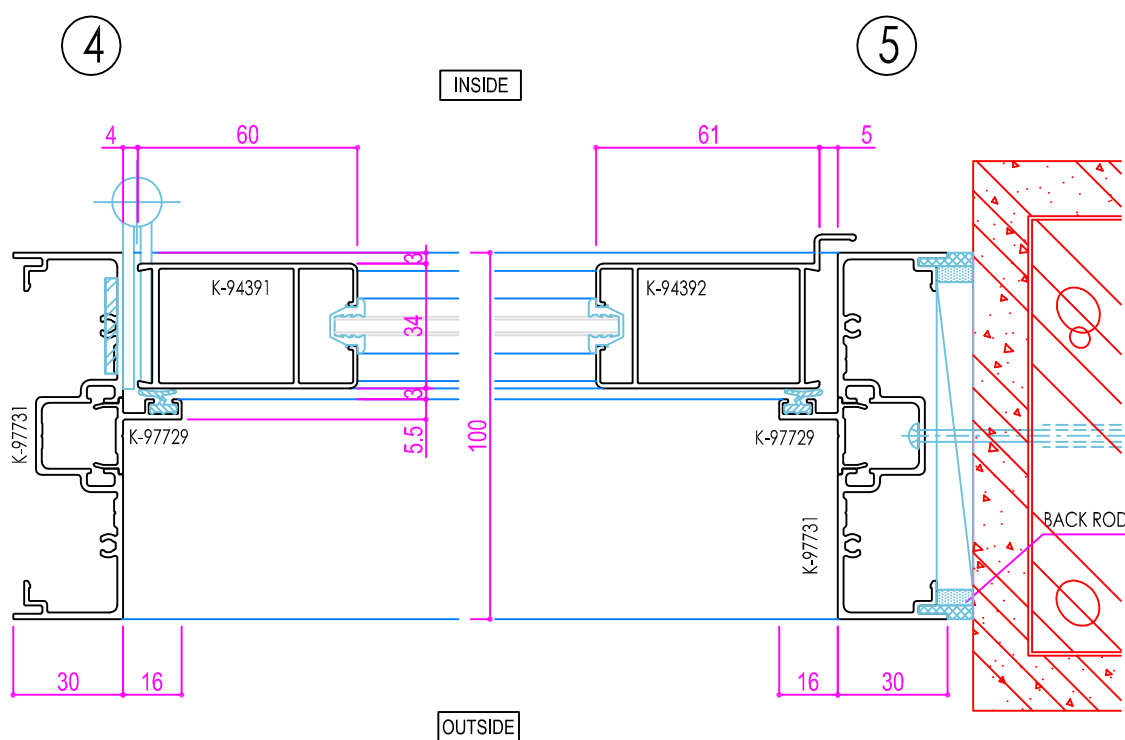
1.6. Swing Door - YF



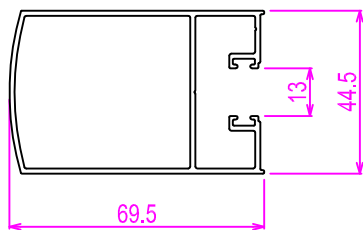
1. FRONT SERIES



1.6. Swing Door - YF



1. FRONT SERIES

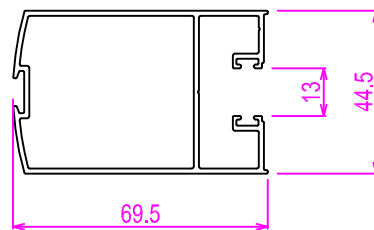


K-76813

W = 1.003 kg/m

t = 1.40 mm

Coating Perimeter = 206 mm

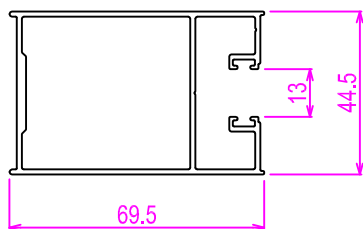


K-76814

W = 1.036 kg/m

t = 1.40 mm

Coating Perimeter = 206 mm

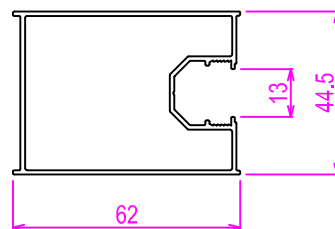


9K-99742

W = 1.085 kg/m

t = 1.40 mm

Coating Perimeter = 220 mm

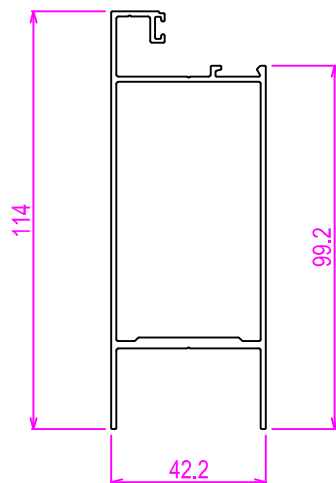


9K-99179

W = 0.803 kg/m

t = 1.20 mm

Coating Perimeter = 210 mm

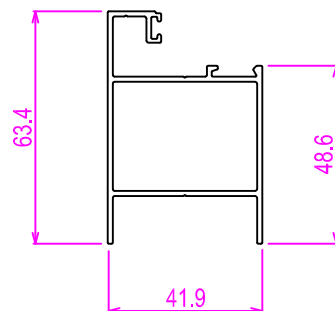


K-76815

W = 1.353 kg/m

t = 1.40 mm

Coating Perimeter = 249 mm

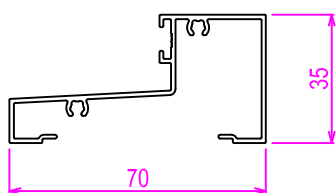


K-76816

W = 0.830 kg/m

t = 1.40 mm

Coating Perimeter = 130 mm

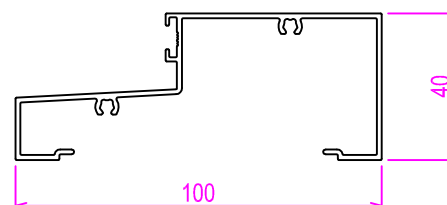


9K-86048

W = 0.605 kg/m

t = 1.20 mm

Coating Perimeter = 156 mm



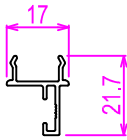
9K-86014

W = 0.856 kg/m

t = 1.35 mm

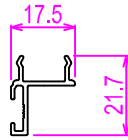
Coating Perimeter = 178 mm

1. FRONT SERIES



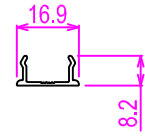
9K-86010

W = 0.164 kg/m
t = 1.00 mm
Coating Perimeter = 38 mm



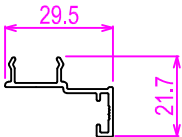
9K-86015

W = 0.165 kg/m
t = 1.00 mm
Coating Perimeter = 39 mm



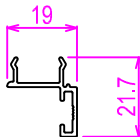
9K-86030

W = 0.088 kg/m
t = 1.00 mm
Coating Perimeter = 17 mm



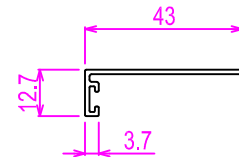
9K-86032

W = 0.197 kg/m
t = 1.00 mm
Coating Perimeter = 50 mm



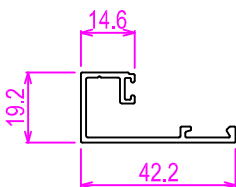
9K-86035

W = 0.167 kg/m
t = 1.00 mm
Coating Perimeter = 40 mm



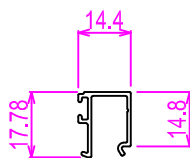
K-75692

W = 0.201 kg/m
t = 1.20 mm
Coating Perimeter = 103 mm



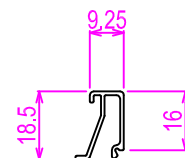
K-75691

W = 0.347 kg/m
t = 1.40 mm
Coating Perimeter = 80 mm



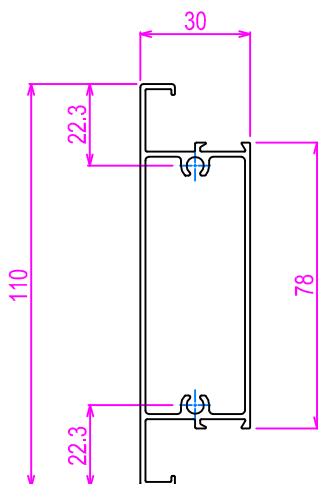
K-76817

W = 0.154 kg/m
t = 1.00 mm
Coating Perimeter = 43 mm



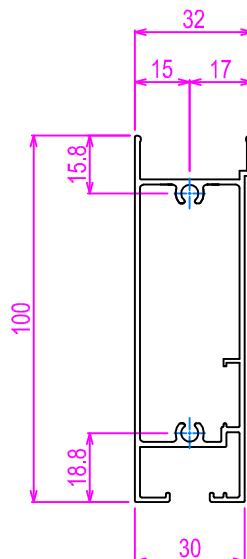
K-575

W = 0.141 kg/m
t = 1.00 mm
Coating Perimeter = 26 mm



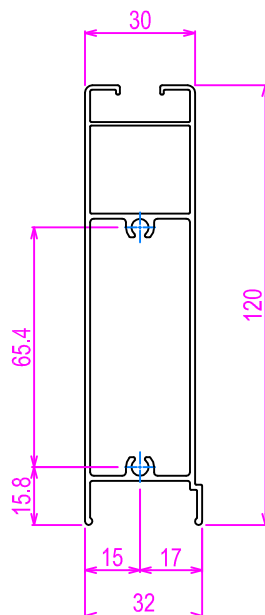
K-94380

W = 1.129 kg/m
t = 1.40 mm
Coating Perimeter = 247 mm



K-94389

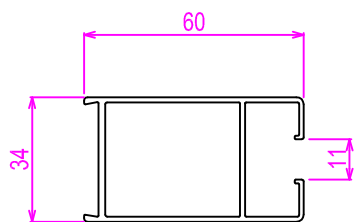
W = 1.166 kg/m
t = 1.20 mm
Coating Perimeter = 280 mm



K-94390

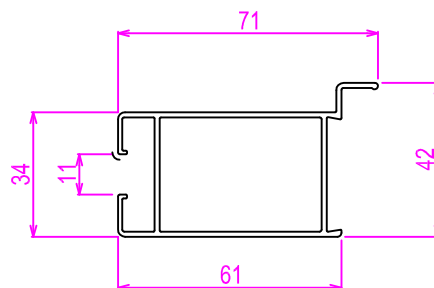
W = 1.358 kg/m
t = 1.40 mm
Coating Perimeter = 320 mm

1. FRONT SERIES



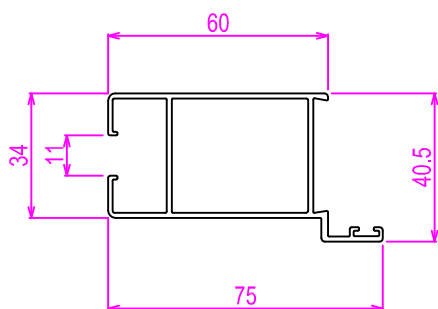
K-94391

W = 0.796 kg/m
t = 1.40 mm
Coating Perimeter = 182 mm



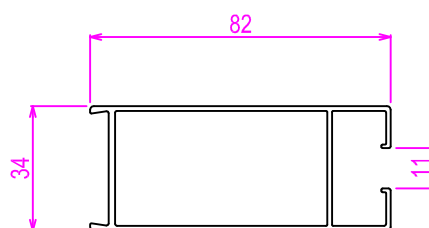
K-94392

W = 0.837 kg/m
t = 1.40 mm
Coating Perimeter = 221 mm



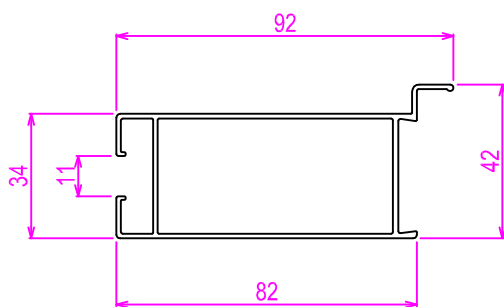
K-94393

W = 0.873 kg/m
t = 1.40 mm
Coating Perimeter = 217 mm



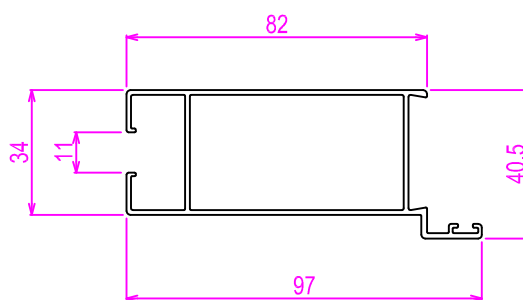
K-85701

W = 0.921 kg/m
t = 1.30 mm
Coating Perimeter = 238 mm



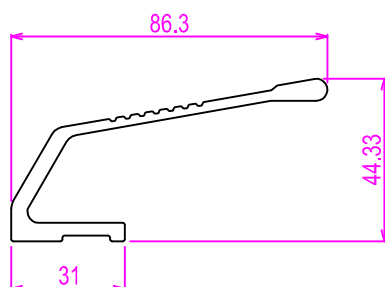
K-85702

W = 0.958 kg/m
t = 1.30 mm
Coating Perimeter = 294 mm



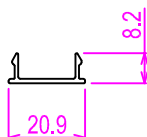
K-85748

W = 0.979 kg/m
t = 1.30 mm
Coating Perimeter = 216 mm



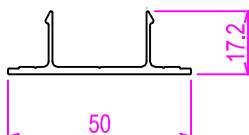
E-90127

W = 1.324 kg/m
t = 2.80 mm
Coating Perimeter = 245 mm



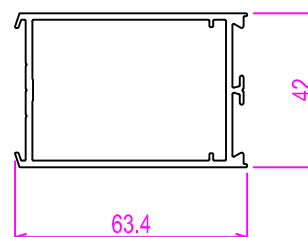
K-97725

W = 0.110 kg/m
t = 1.7 mm
Coating Perimeter = 40 mm



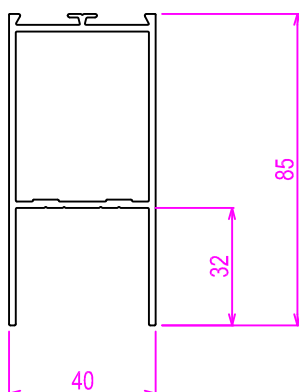
K-97748

W = 0.354 kg/m
t = 1.5 mm
Coating Perimeter = 70 mm



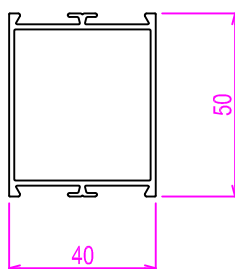
K-97901

W = 1.058 kg/m
t = 1.8 mm
Coating Perimeter = 160 mm



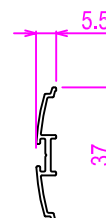
K-97902

W = 1.239 kg/m
t = 1.8 mm
Coating Perimeter = 220 mm



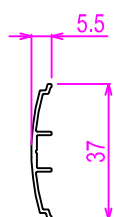
K-97903

W = 0.754 kg/m
t = 1.4 mm
Coating Perimeter = 150 mm



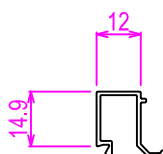
K-97904

W = 0.153 kg/m
t = 1.0 mm
Coating Perimeter = 40 mm



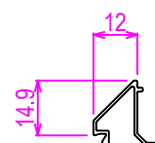
K-97905

W = 0.144 kg/m
t = 1.0 mm
Coating Perimeter = 40 mm



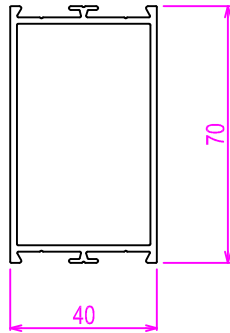
K-97906

W = 0.157 kg/m
t = 1.0 mm
Coating Perimeter = 50 mm



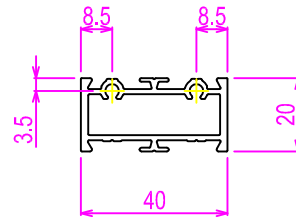
K-97908

W = 0.119 kg/m
t = 0.8 mm
Coating Perimeter = 50 mm



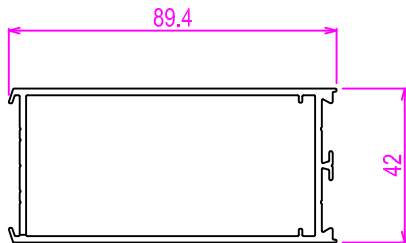
K-97911

W = 1.115 kg/m
t = 1.8 mm
Coating Perimeter = 190 mm



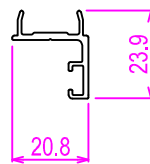
K-97913

W = 0.615 kg/m
t = 1.4 mm
Coating Perimeter = 100 mm



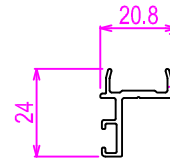
K-97914

W = 1.306 kg/m
t = 1.8 mm
Coating Perimeter = mm



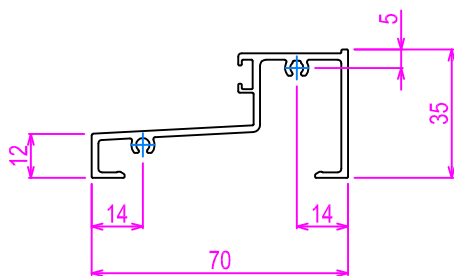
K-97727

W = 0.225 kg/m
t = 1.7 mm
Coating Perimeter = 70 mm



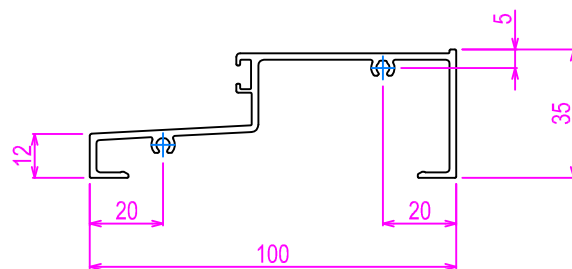
K-97729

W = 0.226 kg/m
t = 1.7 mm
Coating Perimeter = 70 mm



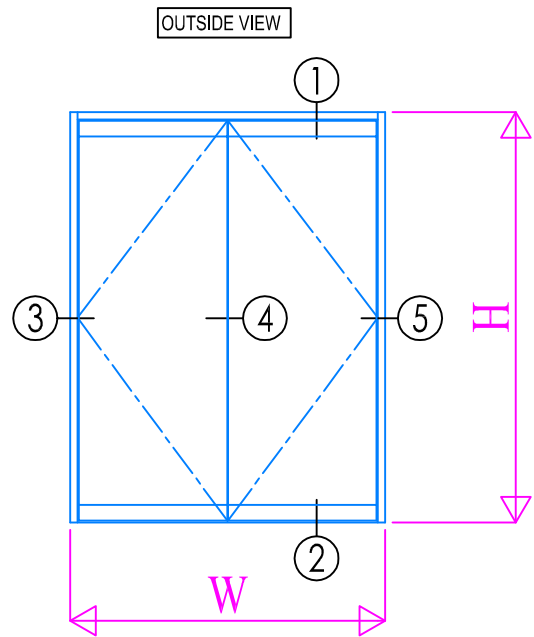
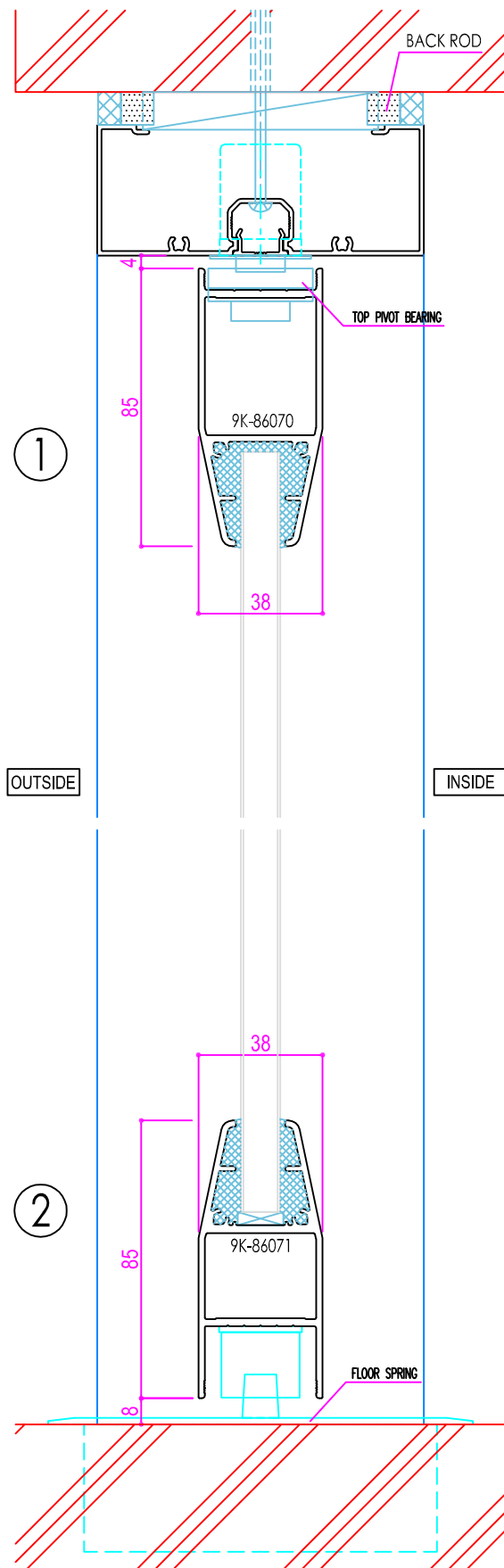
K-97728

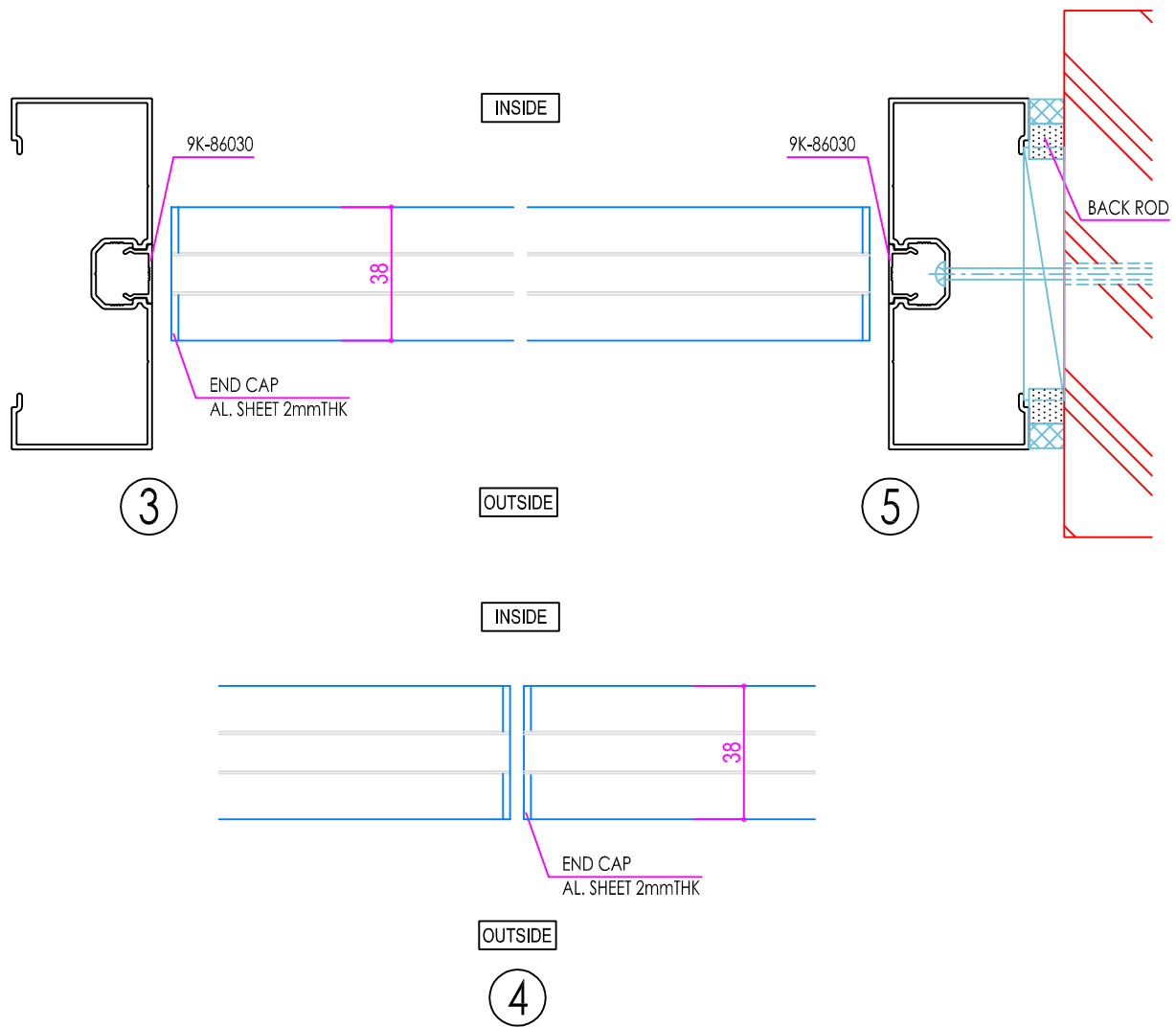
W = 0.821 kg/m
t = 1.8 mm
Coating Perimeter = 180 mm

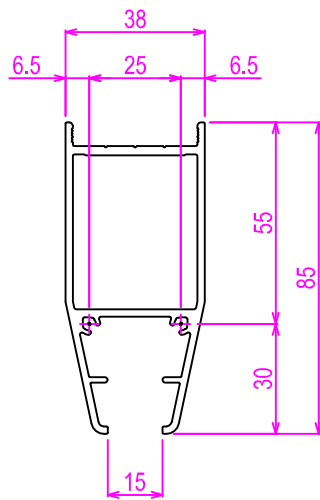


K-97730

W = 0.984 kg/m
t = 1.8 mm
Coating Perimeter = 210mm





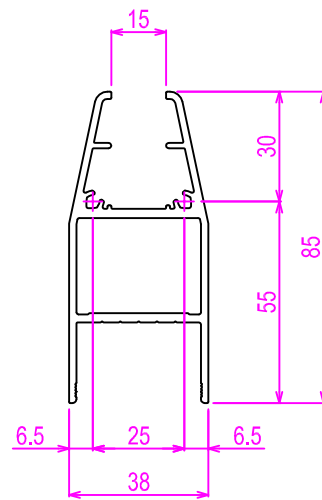


9K-86070

W = 1.443 kg/m

t = 2.00 mm

Coating Perimeter = 179 mm

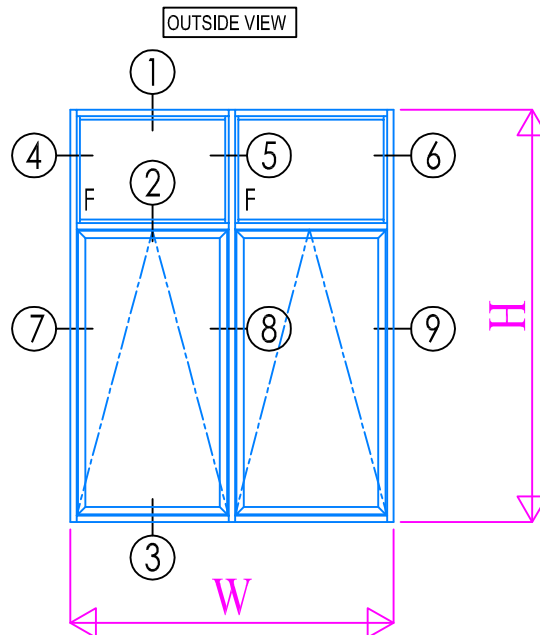
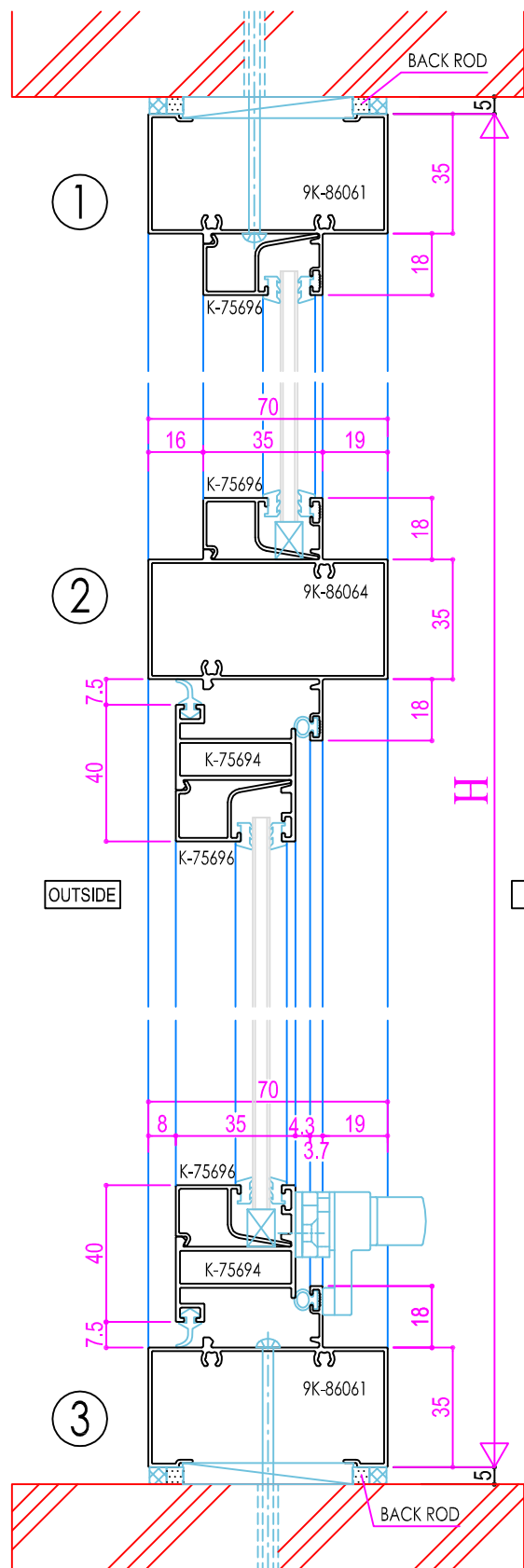


9K-86071

W = 1.492 kg/m

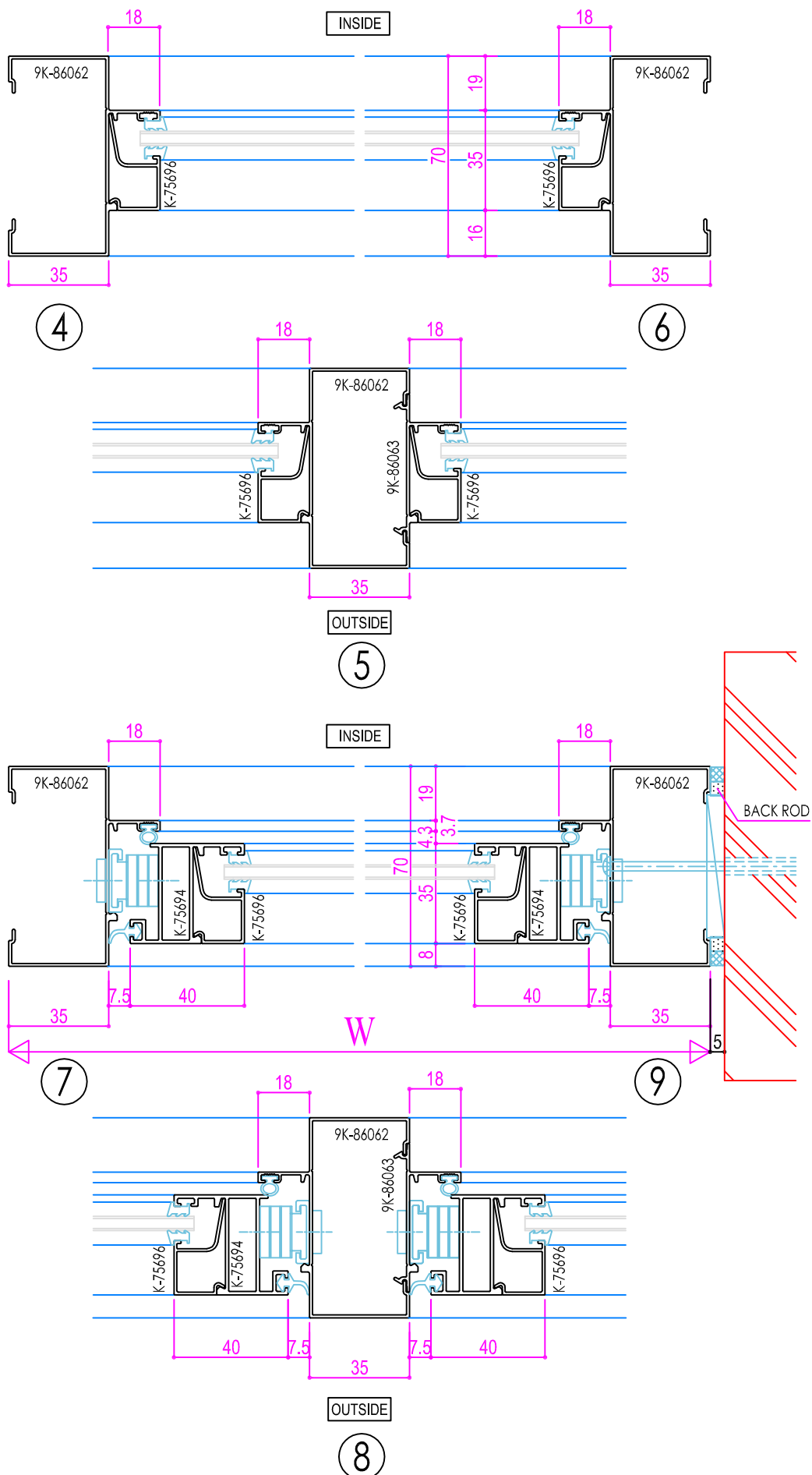
t = 2.00 mm

Coating Perimeter = 179 mm



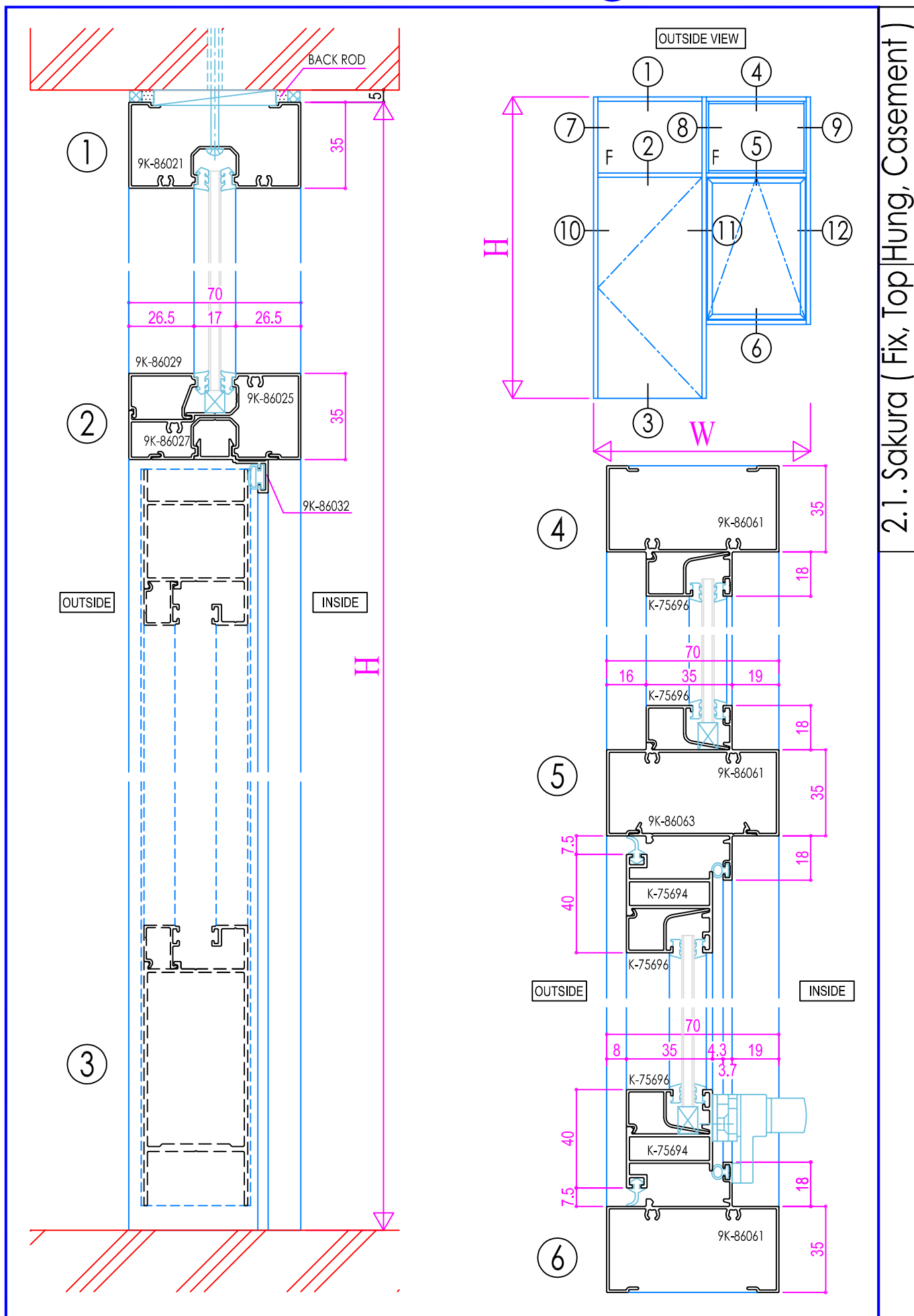
2.1. Sakura (Fix, Top Hung, Casement)

2. WINDOW SERIES



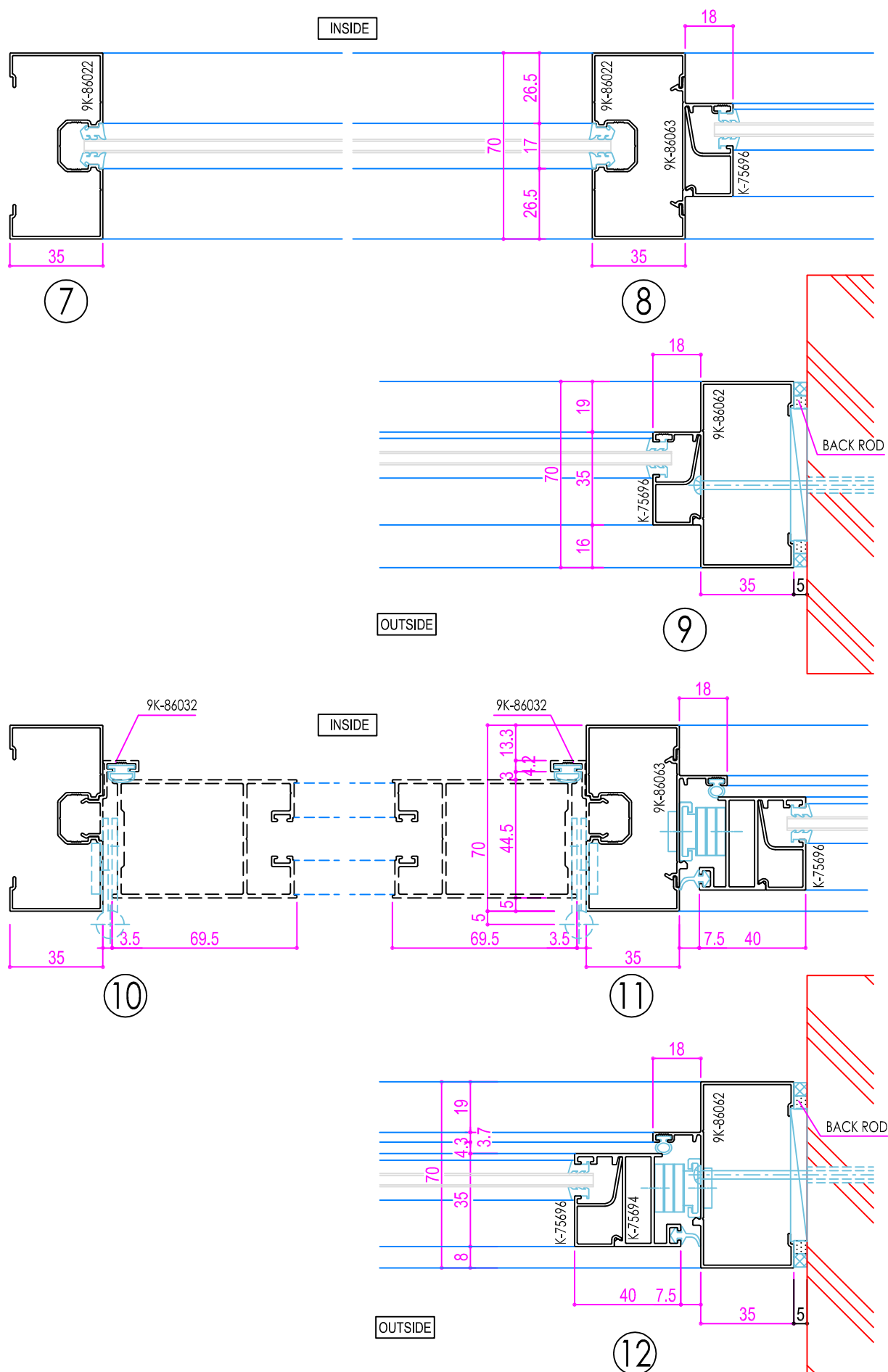
2.1. Sakura (Fix, Top Hung, Casement)

2. WINDOW SERIES



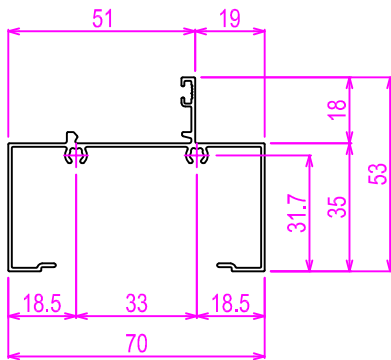
2.1. Sakura (Fix, Top Hung, Casement)

2. WINDOW SERIES



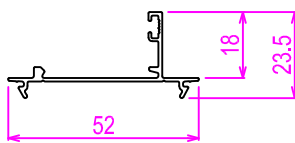
2.1. Sakura (Fix, Top Hung, Casement)

2. WINDOW SERIES



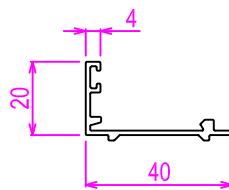
9K-86061

W = 0.601 kg/m
t = 1.00 mm
Coating Perimeter = 205 mm



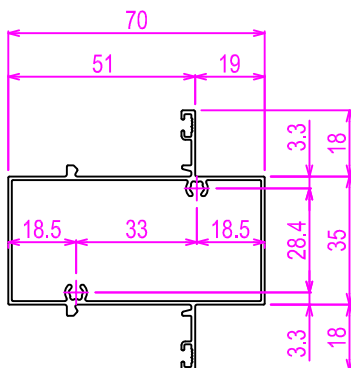
9K-86063

W = 0.265 kg/m
t = 1.00 mm
Coating Perimeter = 100 mm



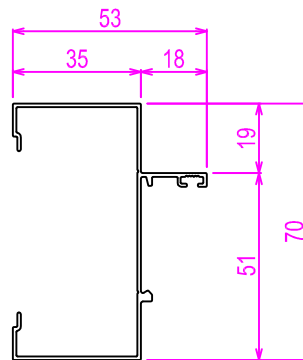
K-70780

W = 0.287 kg/m
t = 1.20 mm
Coating Perimeter = 77 mm



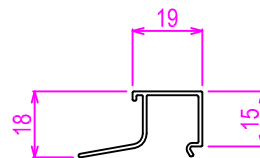
9K-86064

W = 0.811 kg/m
t = 1.00 mm
Coating Perimeter = 304 mm



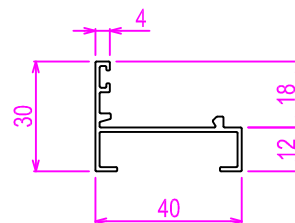
9K-86062

W = 0.537 kg/m
t = 1.00 mm
Coating Perimeter = 205 mm



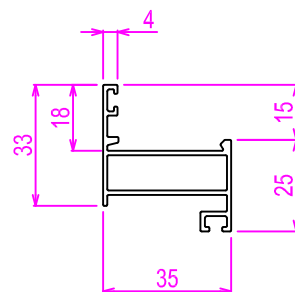
K-75696

W = 0.191 kg/m
t = 1.00 mm
Coating Perimeter = 54 mm



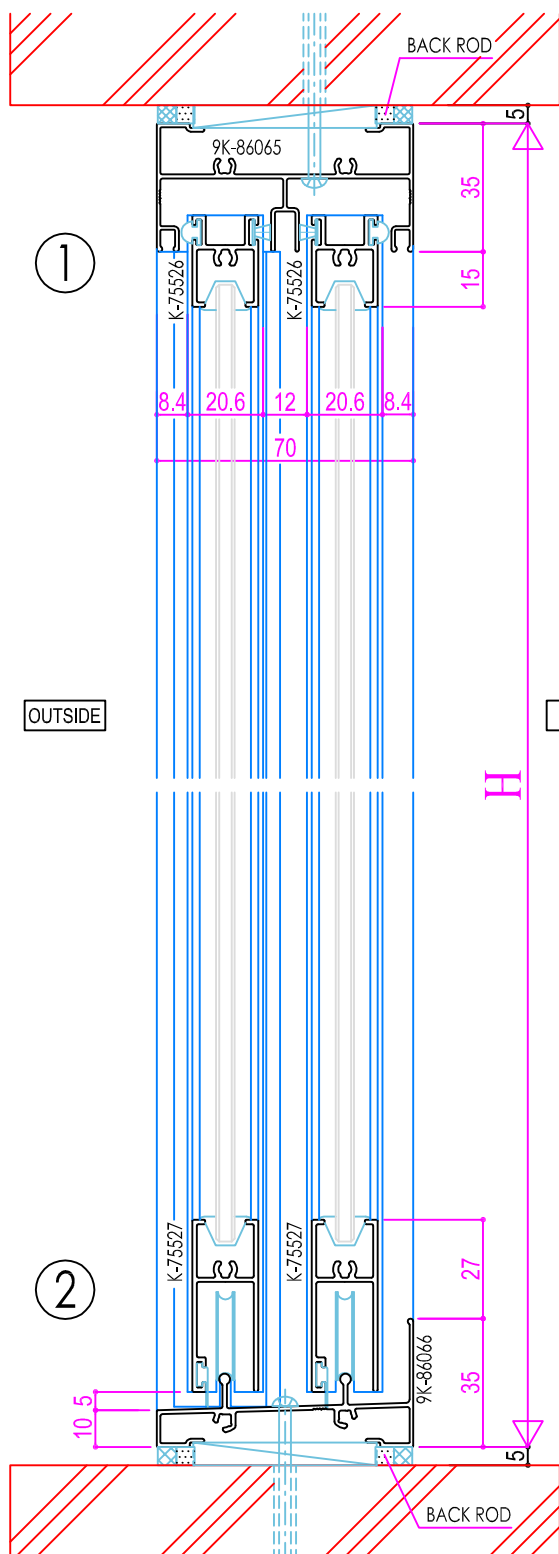
K-75693

W = 0.349 kg/m
t = 1.20 mm
Coating Perimeter = 79 mm



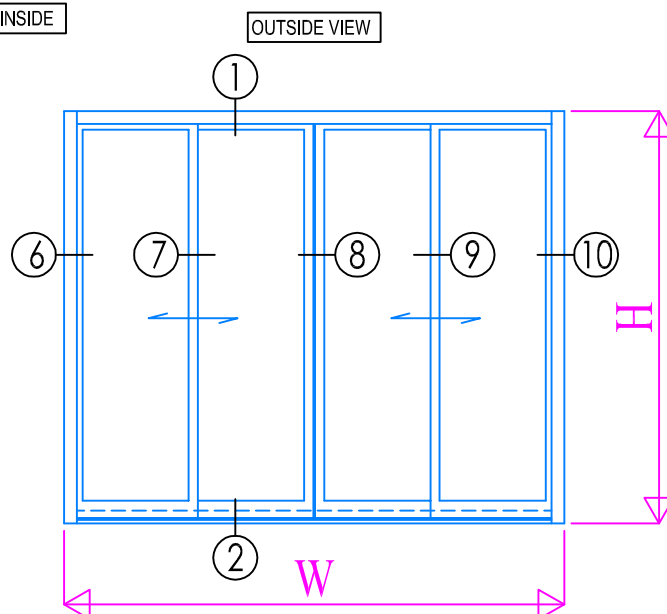
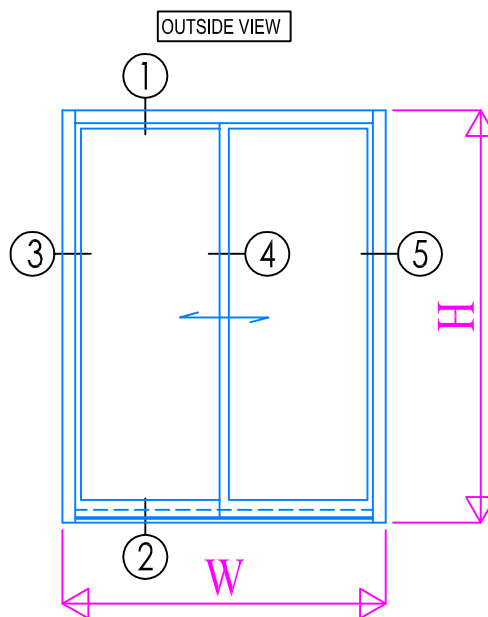
K-75694

W = 0.495 kg/m
t = 1.20 mm
Coating Perimeter = 134 mm

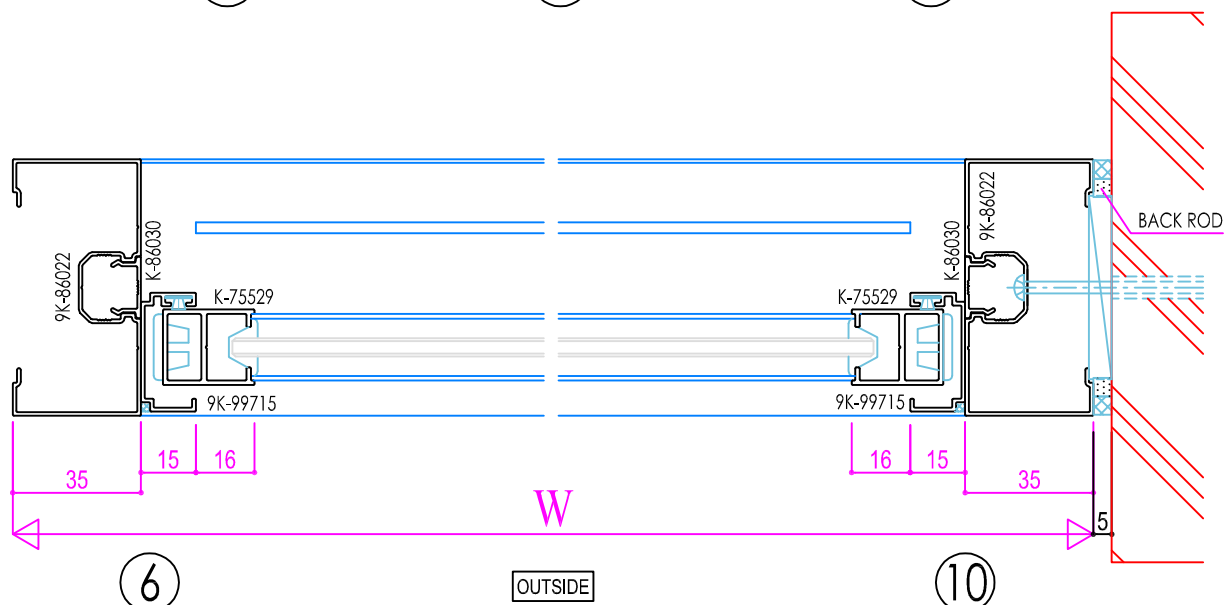
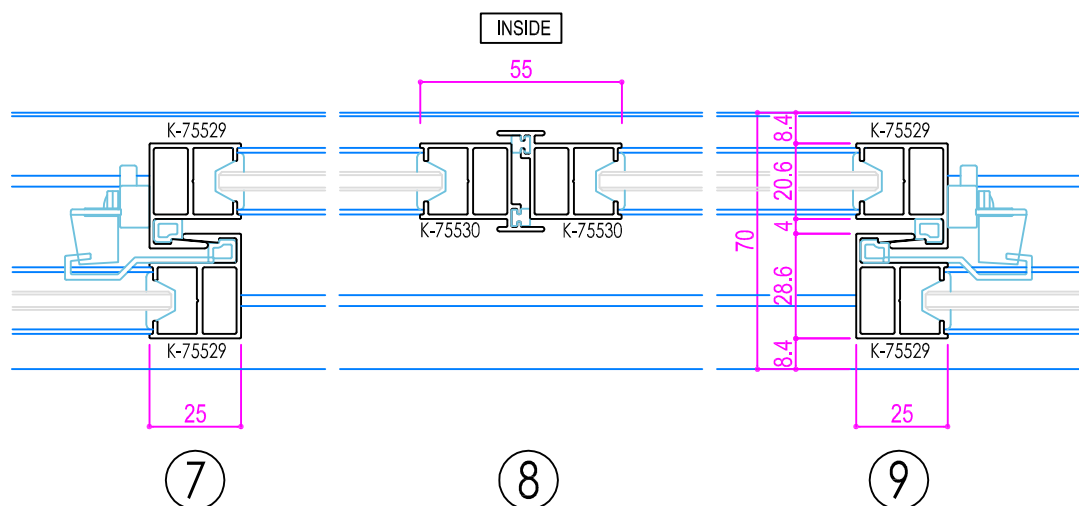
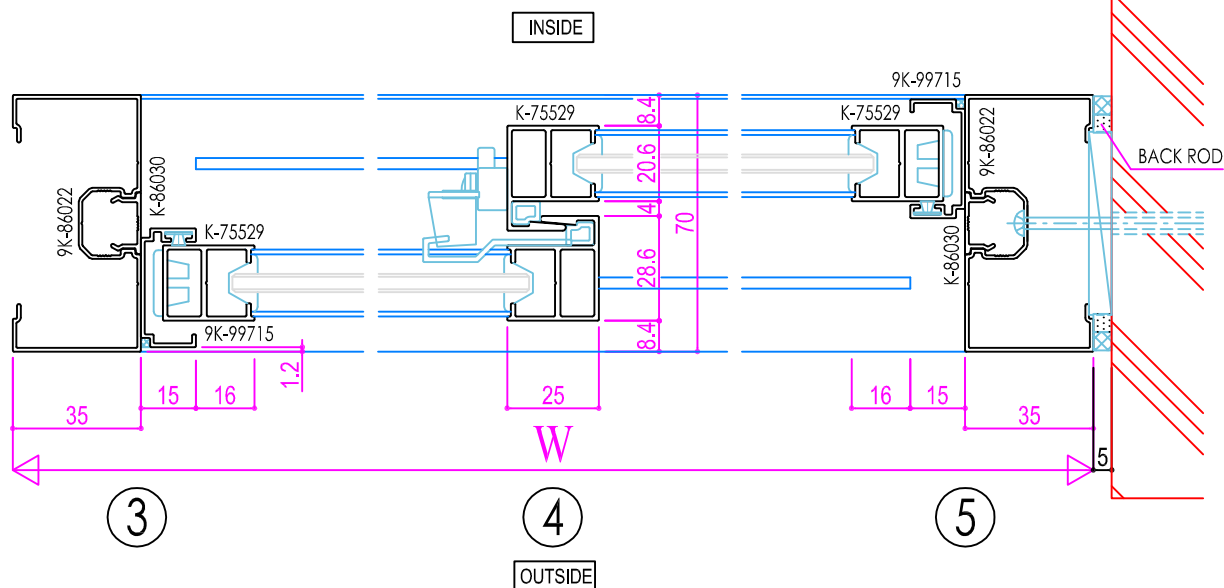


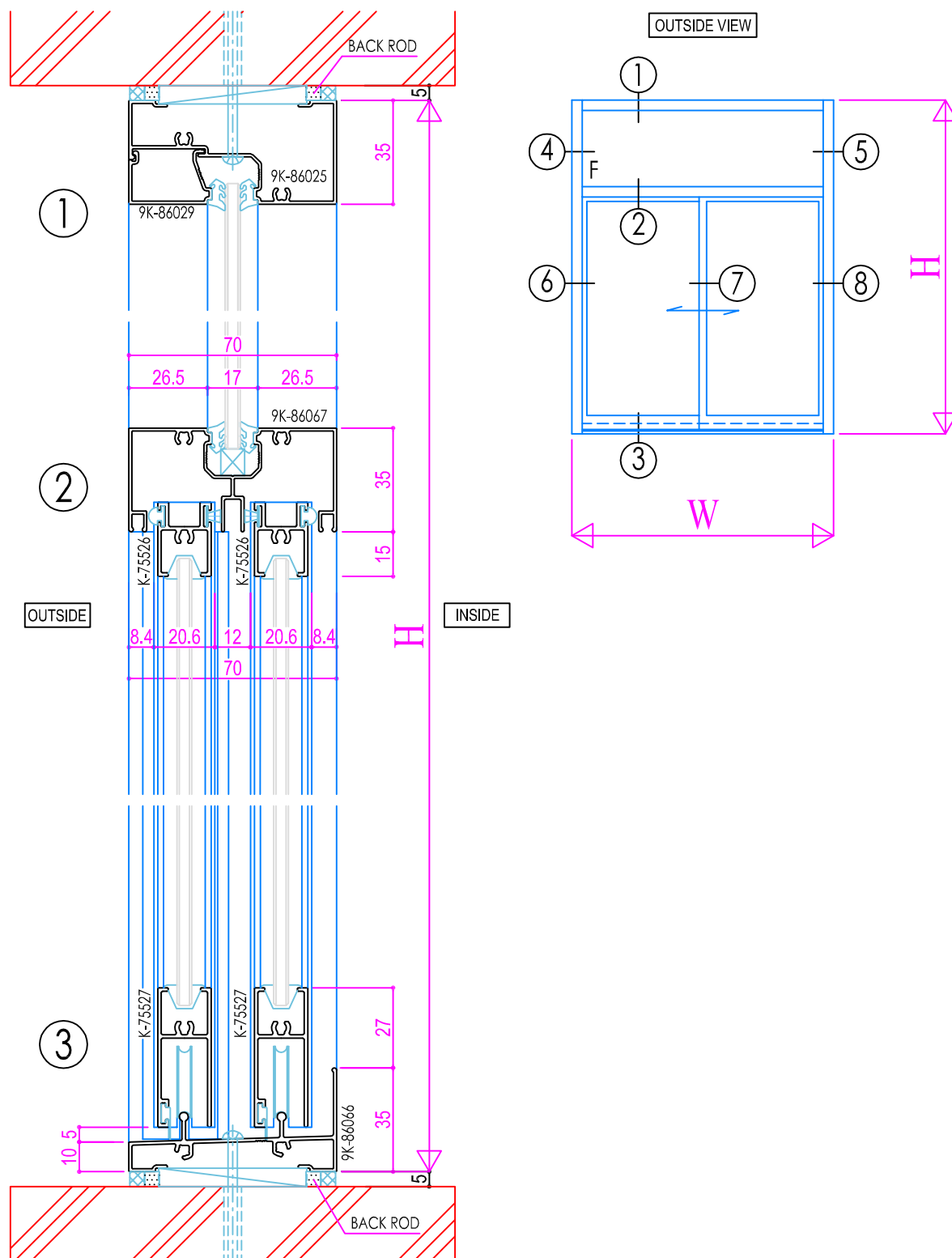
OUTSIDE

INSIDE



2. WINDOW SERIES

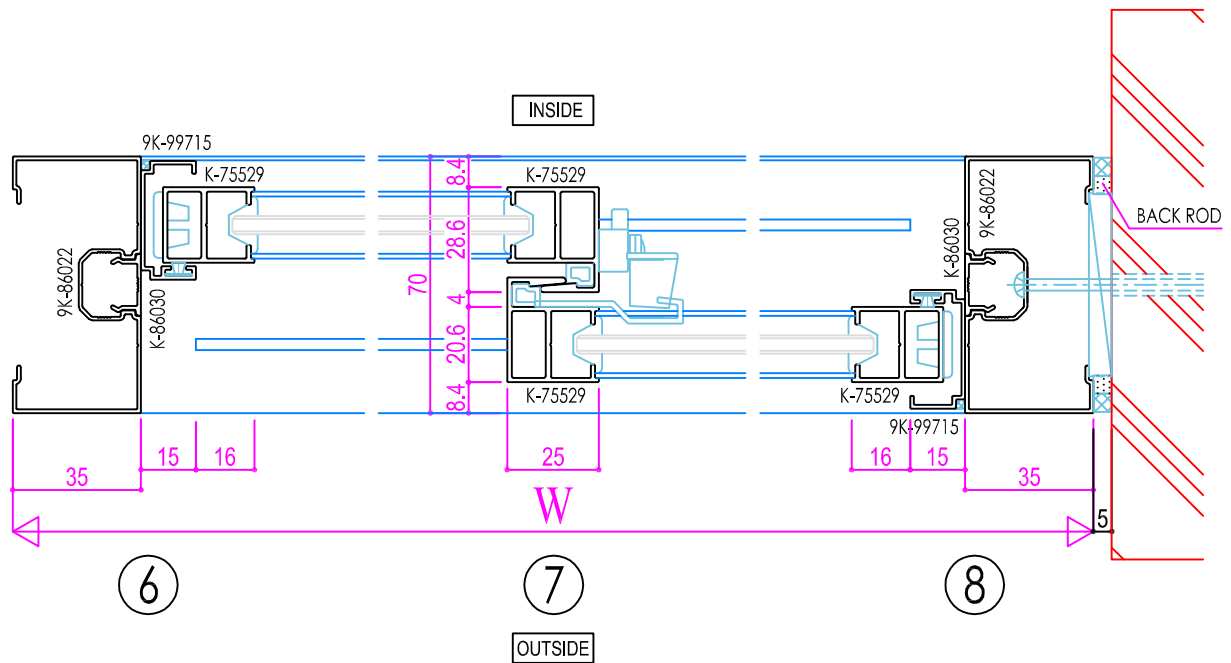
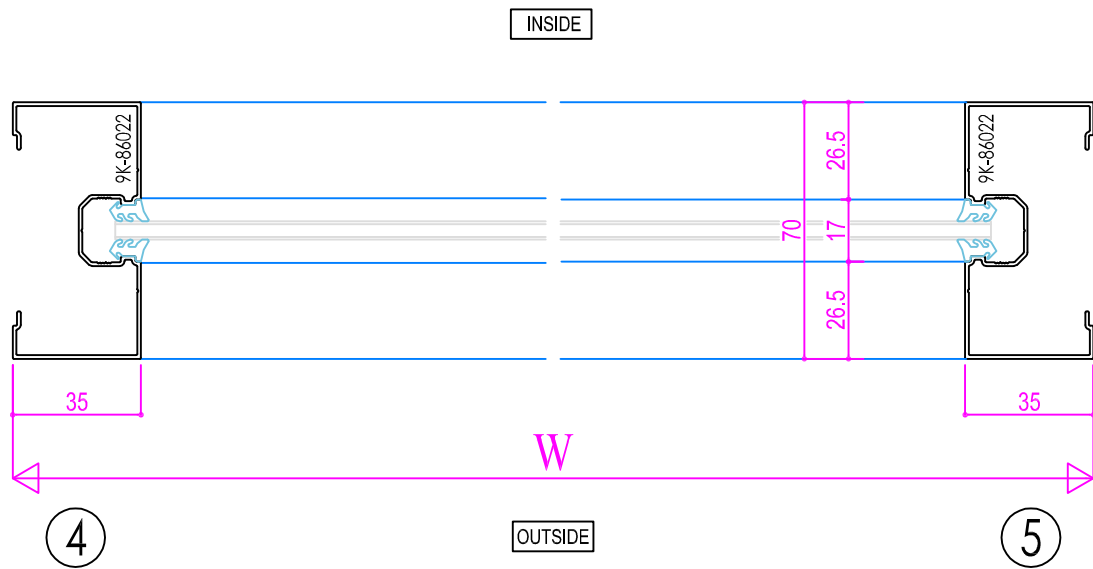


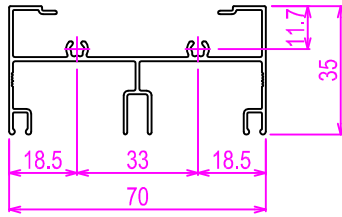


2.2. Sakura - Sliding Window

2. WINDOW SERIES

2.2. Sakura - Sliding Window



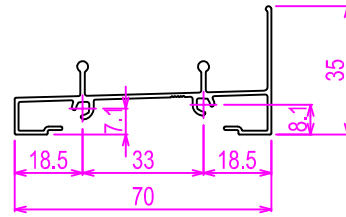


9K-86065

W = 0.680 kg/m

t = 1.00 mm

Coating Perimeter = 314 mm

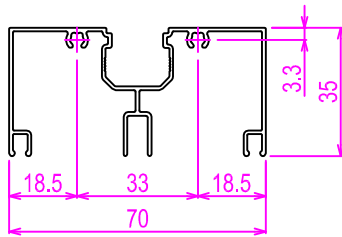


9K-86066

W = 0.539 kg/m

t = 1.00 mm

Coating Perimeter = 194 mm

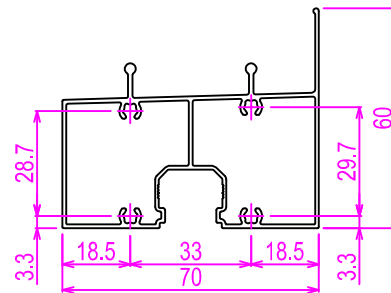


9K-86067

W = 0.680 kg/m

t = 1.00 mm

Coating Perimeter = 420 mm

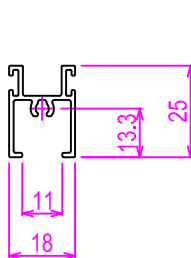


9K-86068

W = 0.987 kg/m

t = 1.00 mm

Coating Perimeter = 279 mm

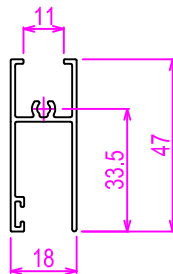


K-75526

W = 0.297 kg/m

t = 1.20 mm

Coating Perimeter = 100 mm

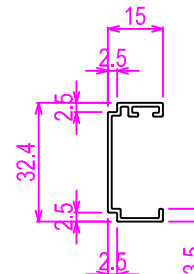


K-75527

W = 0.431 kg/m

t = 1.20 mm

Coating Perimeter = 110 mm

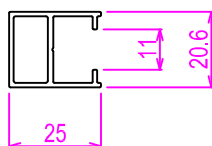


9K-99715

W = 0.193 kg/m

t = 1.00 mm

Coating Perimeter = 110 mm

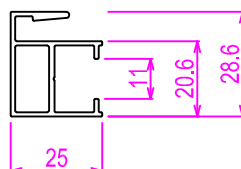


K-75528

W = 0.318 kg/m

t = 1.20 mm

Coating Perimeter = 90 mm

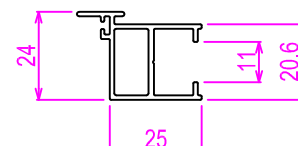


K-75529

W = 0.415 kg/m

t = 1.20 mm

Coating Perimeter = 110 mm

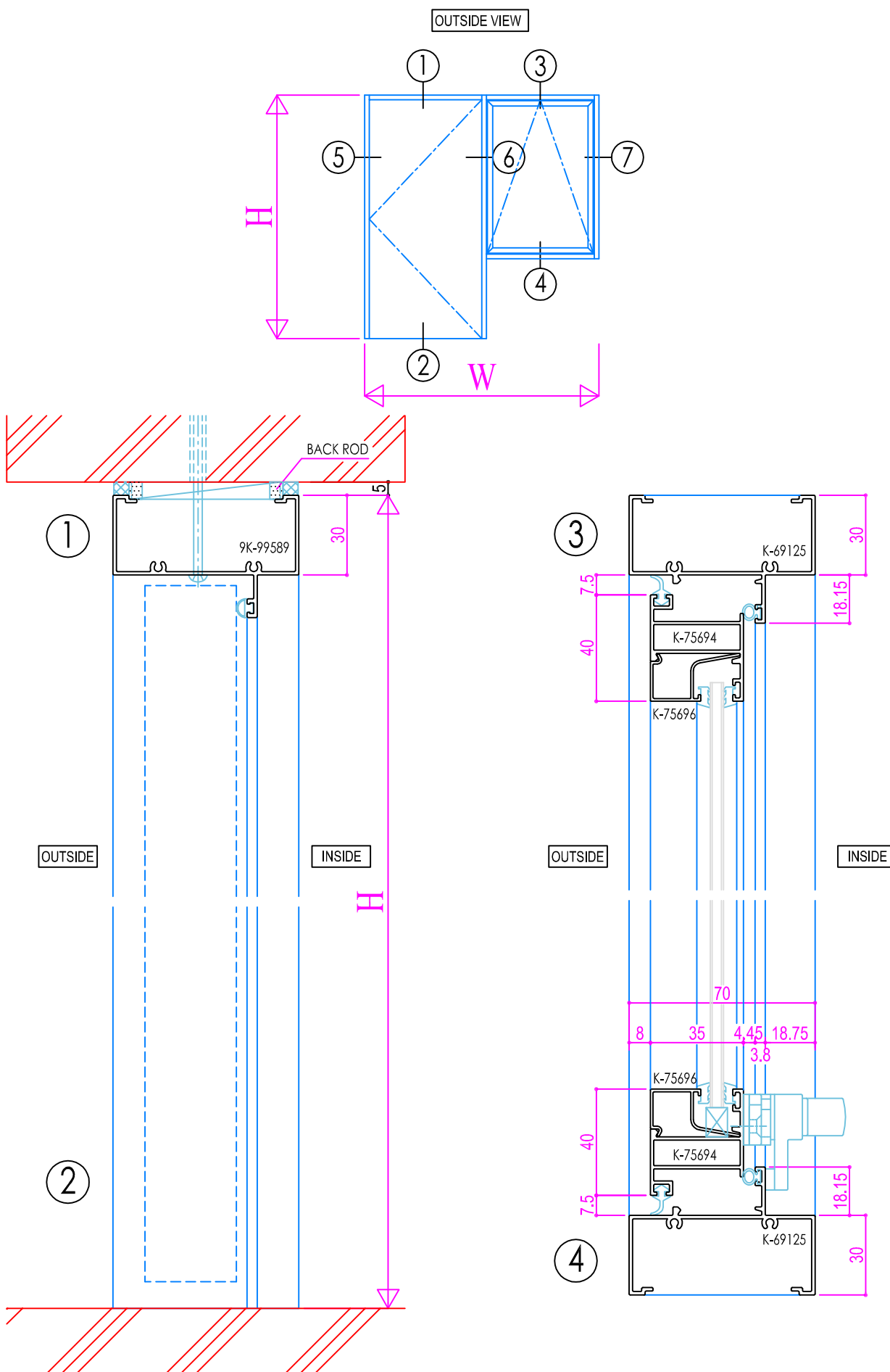


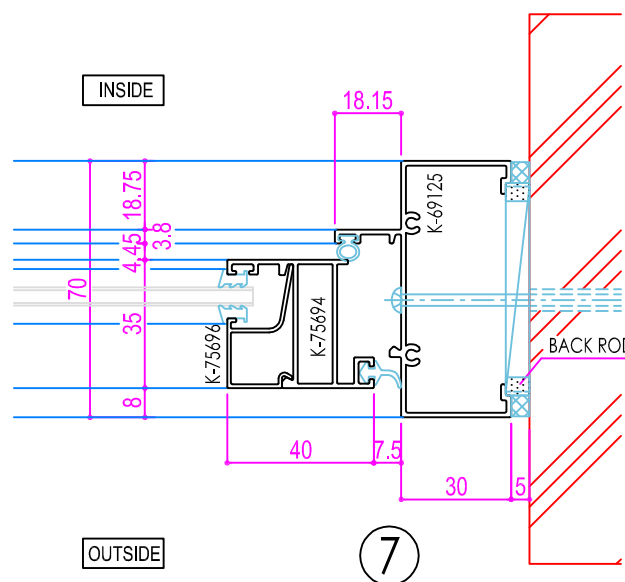
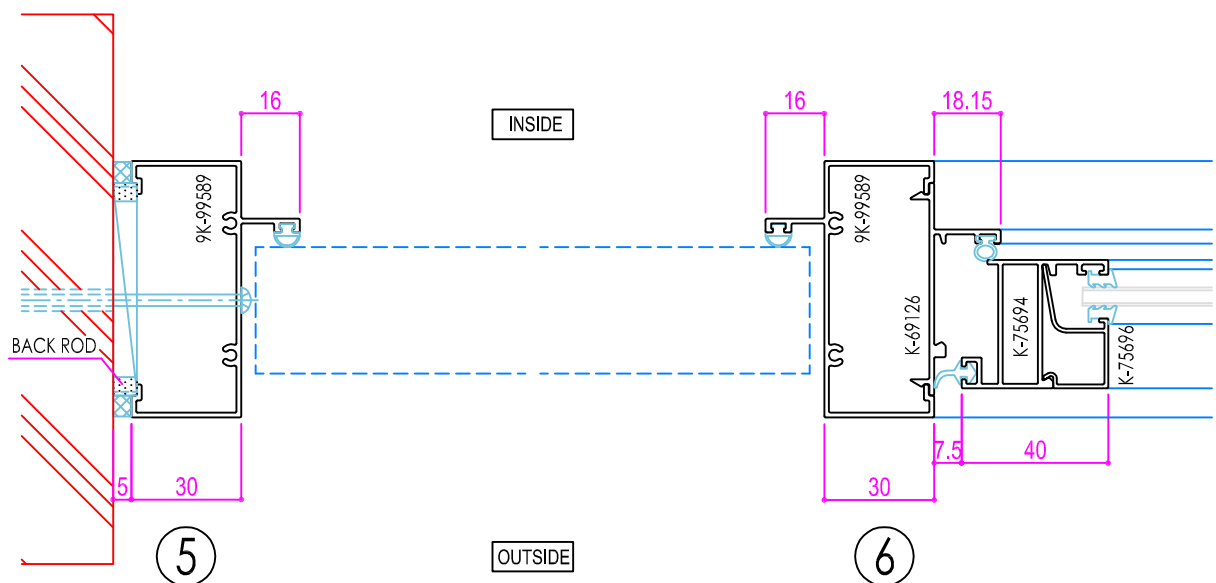
K-75530

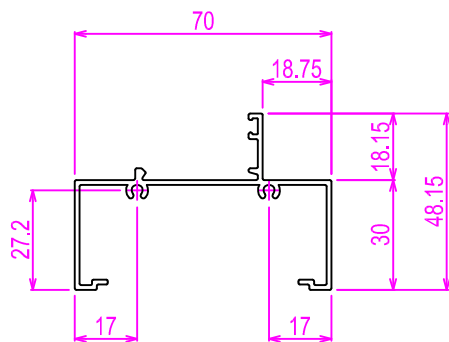
W = 0.383 kg/m

t = 1.20 mm

Coating Perimeter = 100 mm





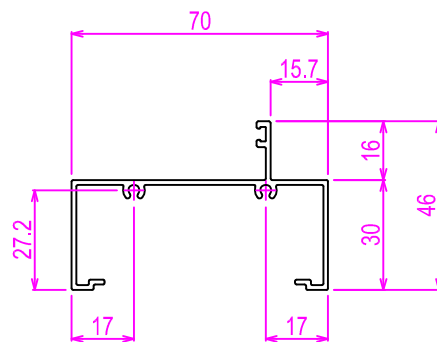


K-69125

W = 0.695 kg/m

t = 1.30 mm

Coating Perimeter = 190 mm

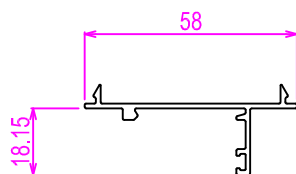


9K-99589

W = 0.654 kg/m

t = 1.30 mm

Coating Perimeter = 190 mm



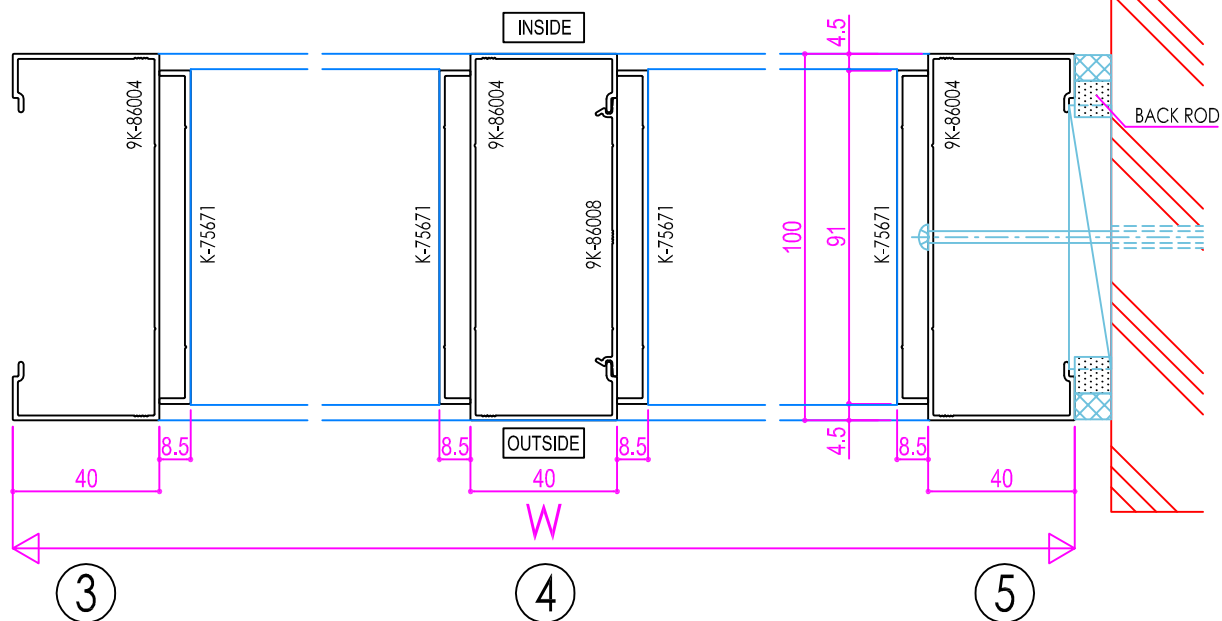
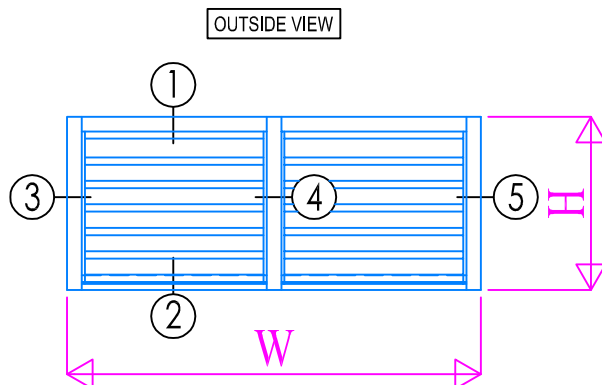
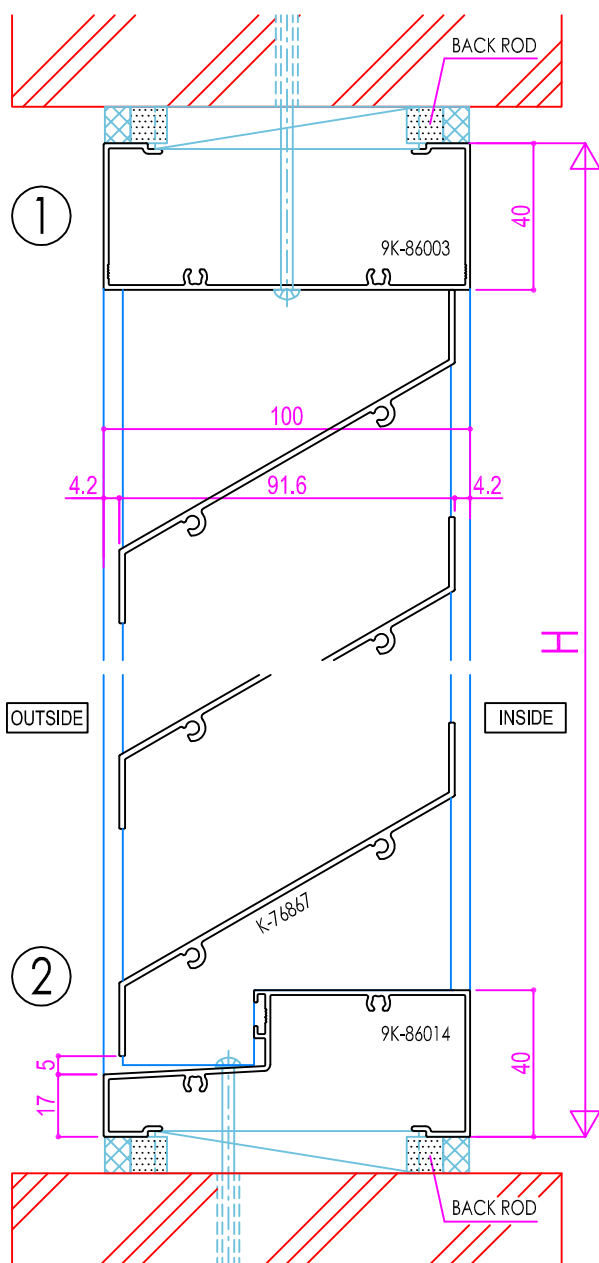
K-69126

W = 0.366 kg/m

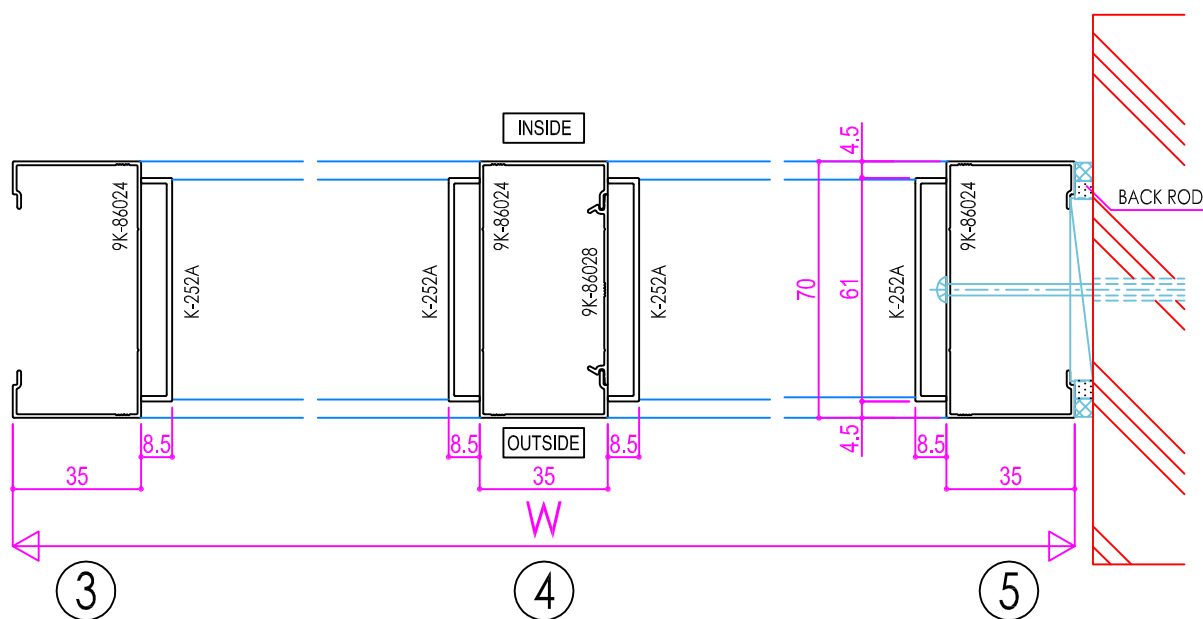
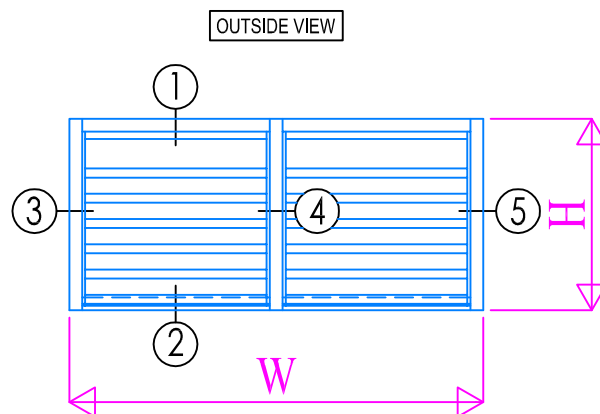
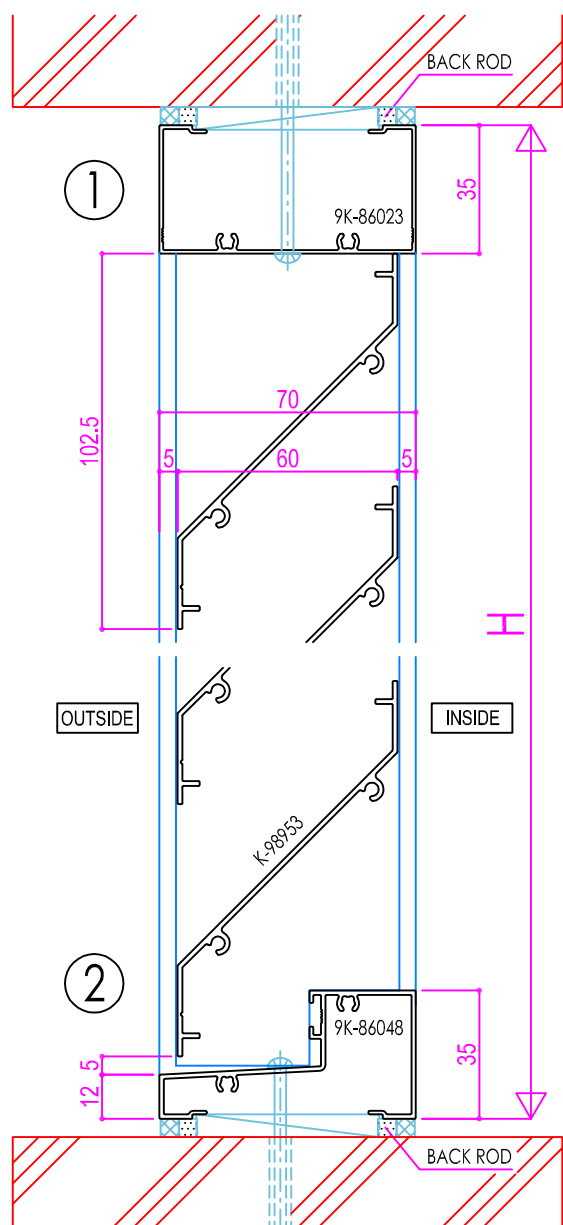
t = 1.30 mm

Coating Perimeter = 140 mm

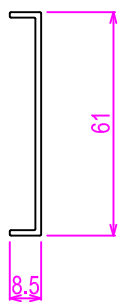
2. WINDOW SERIES



2. WINDOW SERIES



2. WINDOW SERIES

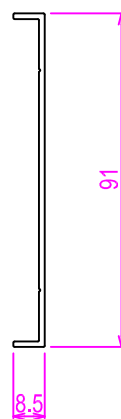


K-252A

W = 0.303 kg/m

t = 1.50 mm

Coating Perimeter = 83 mm

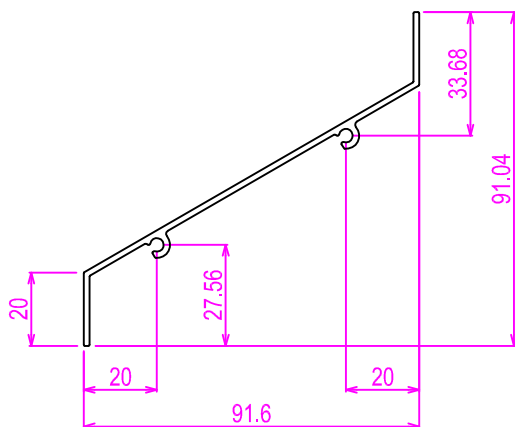


K-75671

W = 0.424 kg/m

t = 1.50 mm

Coating Perimeter = 110 mm

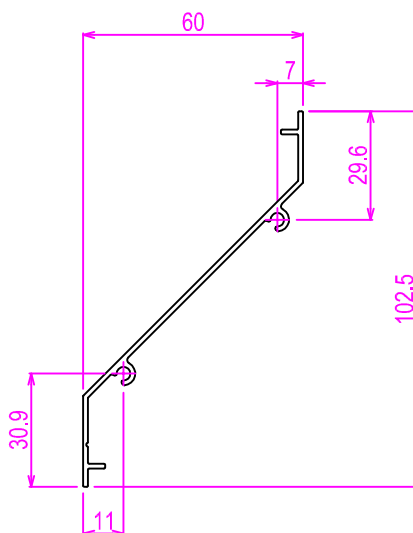


K-76867

W = 0.707 kg/m

t = 1.60 mm

Coating Perimeter = 322 mm

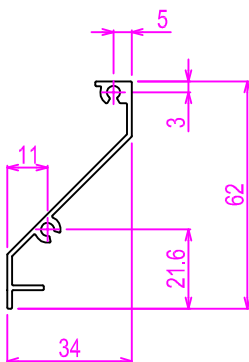


K-98953

W = 0.555 kg/m

t = 1.30 mm

Coating Perimeter = 306 mm

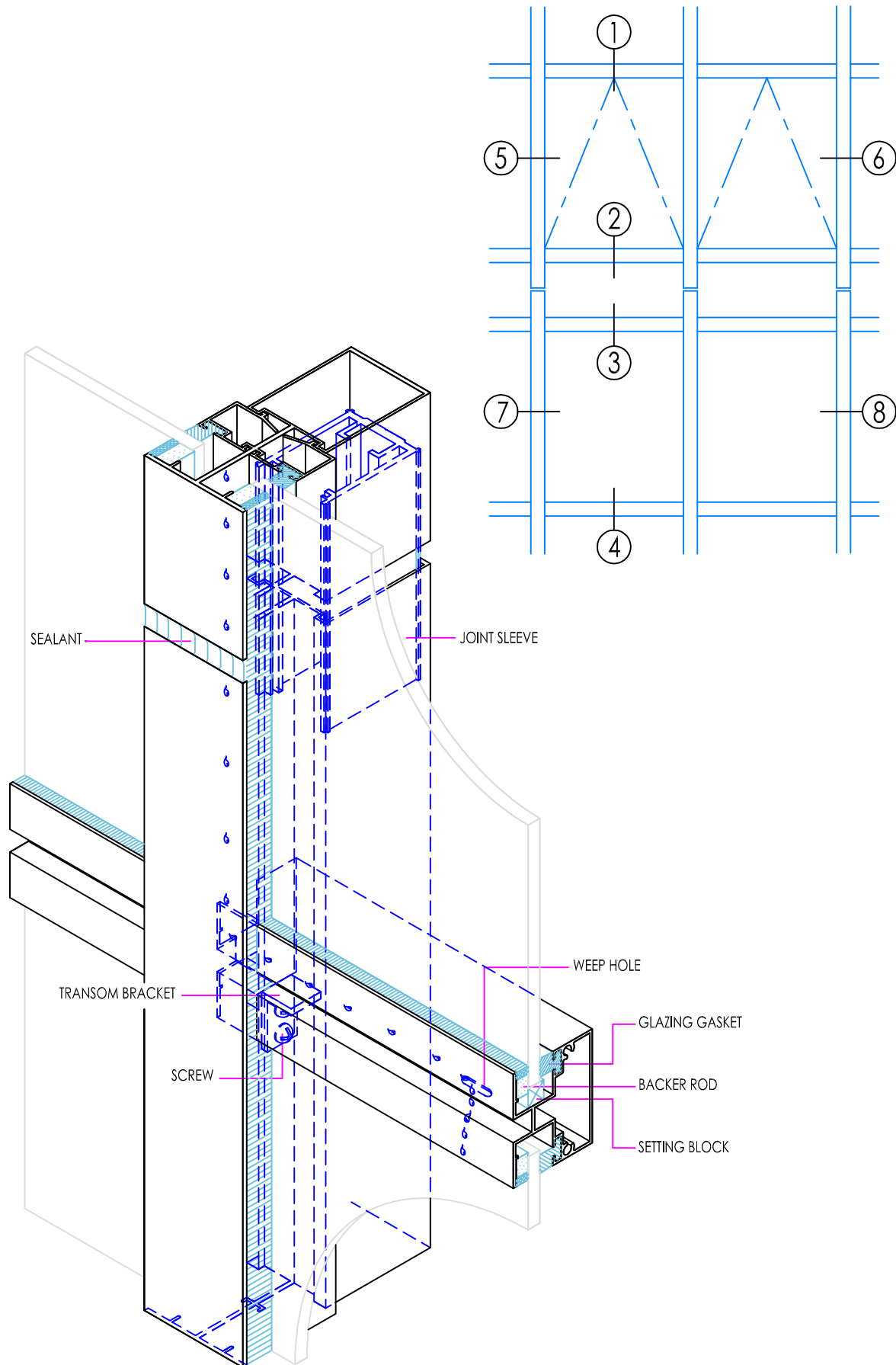


K-254

W = 0.423 kg/m

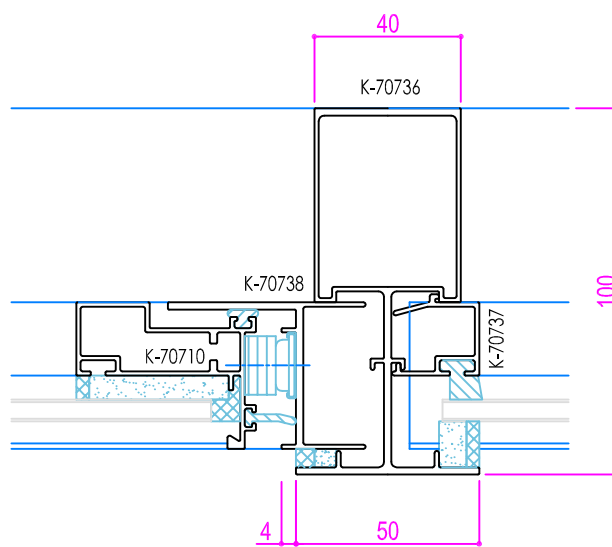
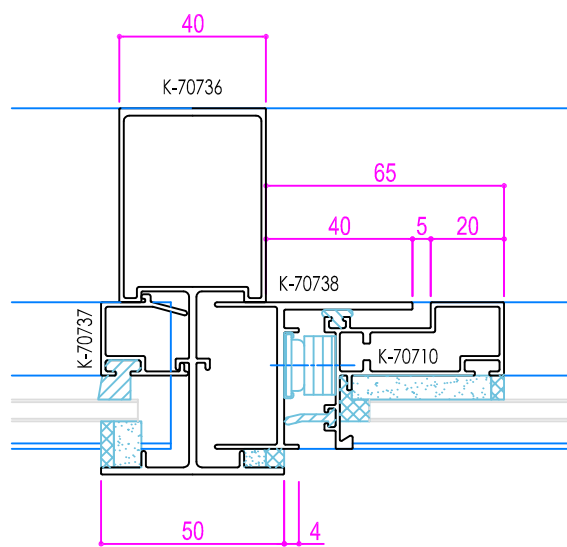
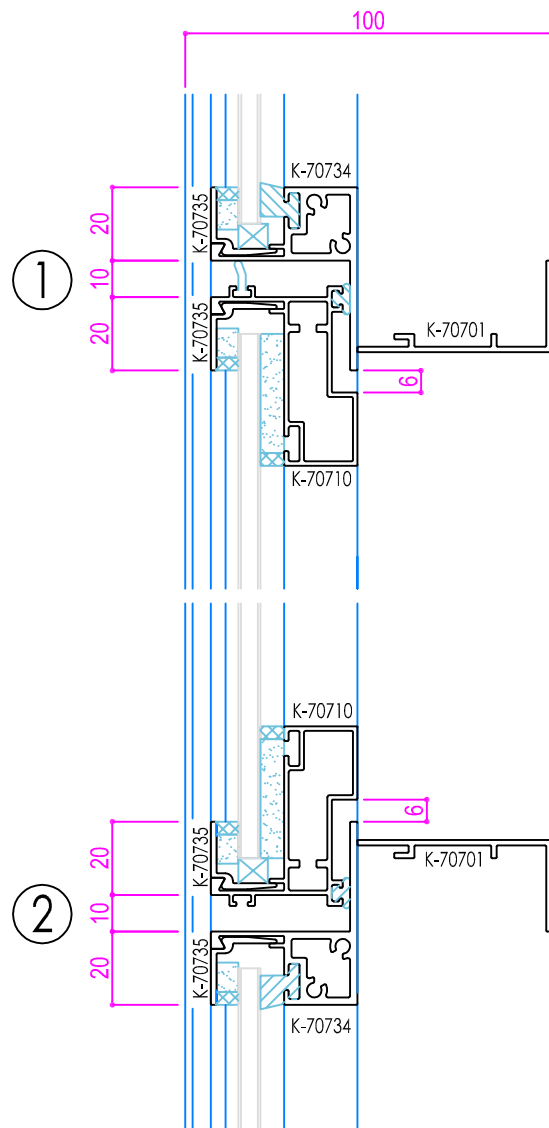
t = 1.30 mm

Coating Perimeter = 142 mm

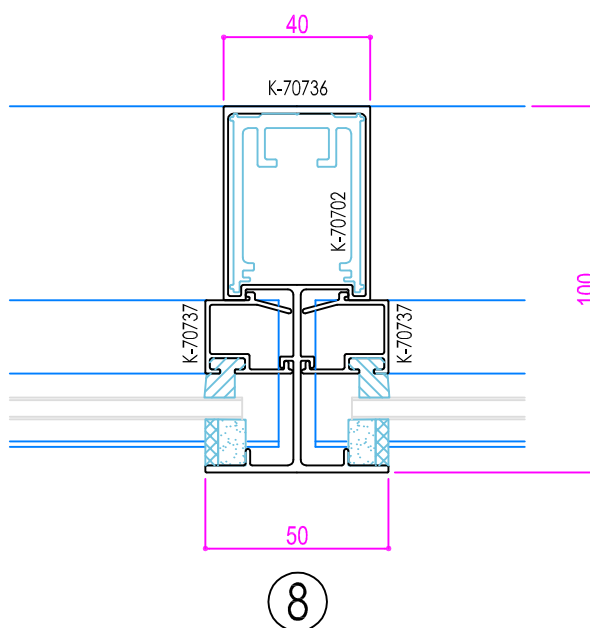
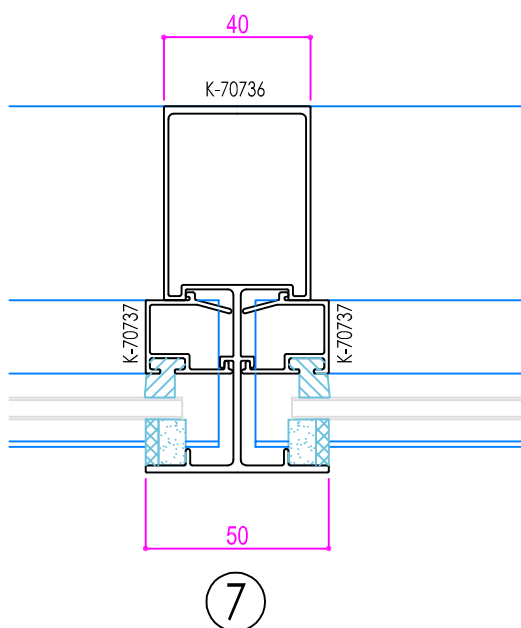
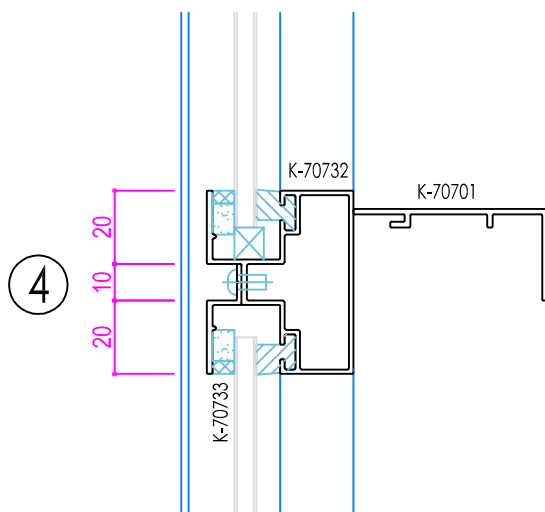
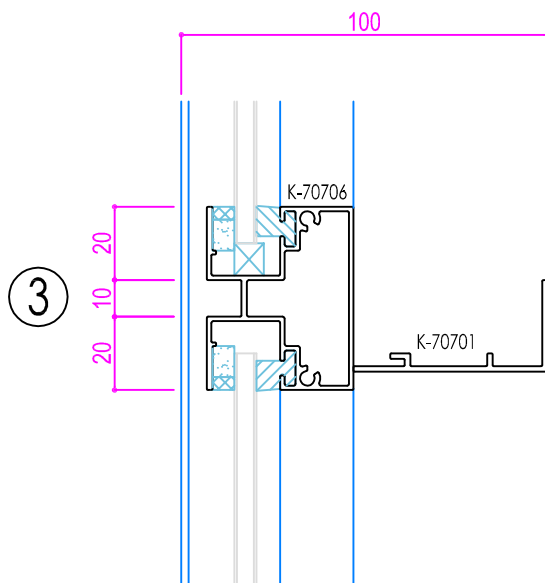


3.1. YCR Type - Curtain Wall

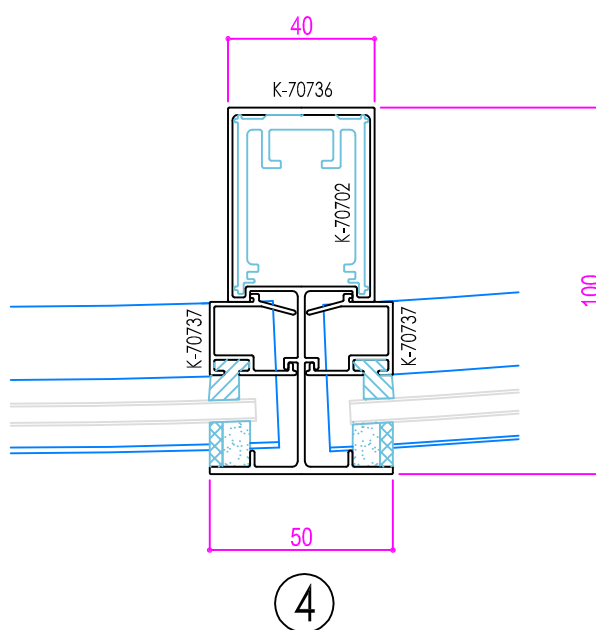
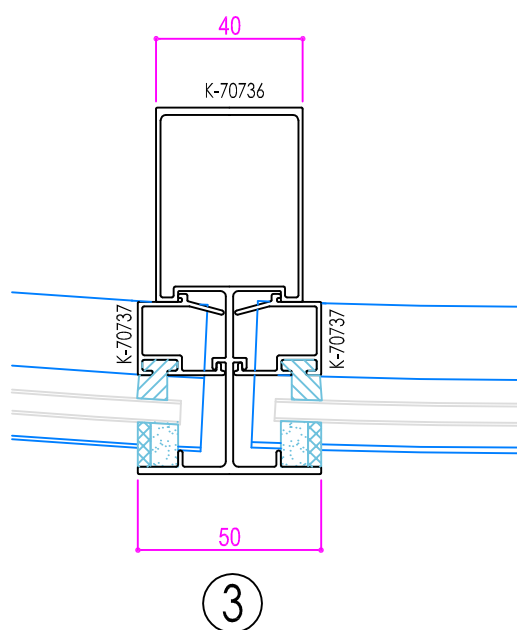
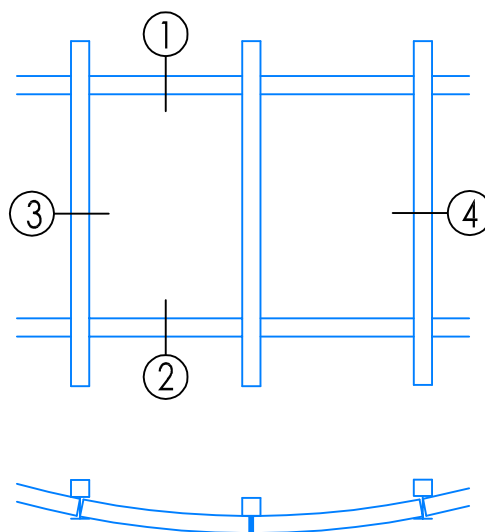
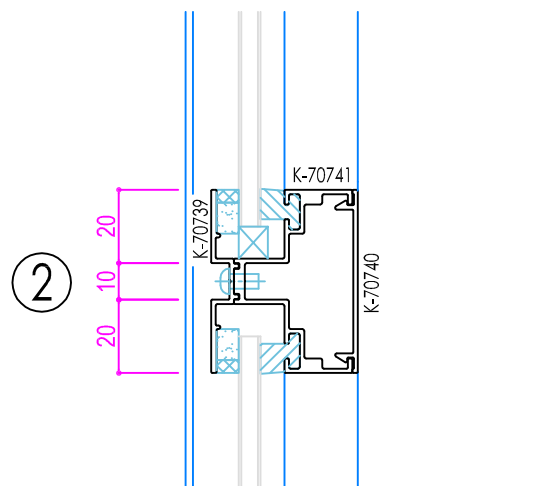
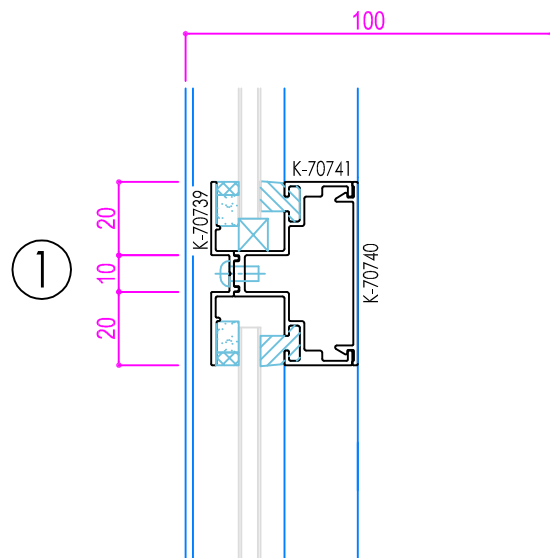
3. CURTAIN WALL



3. CURTAIN WALL

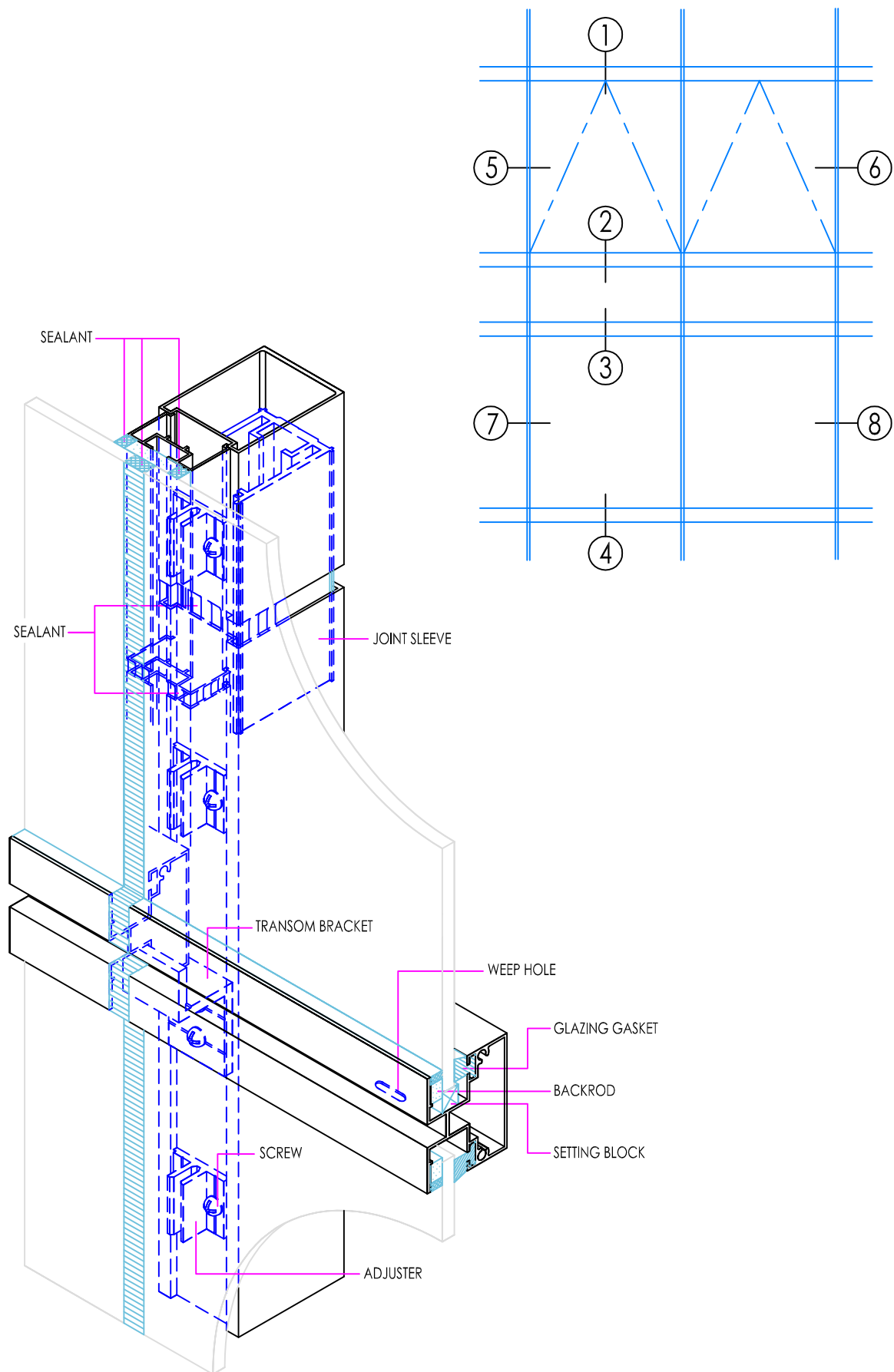


3. CURTAIN WALL

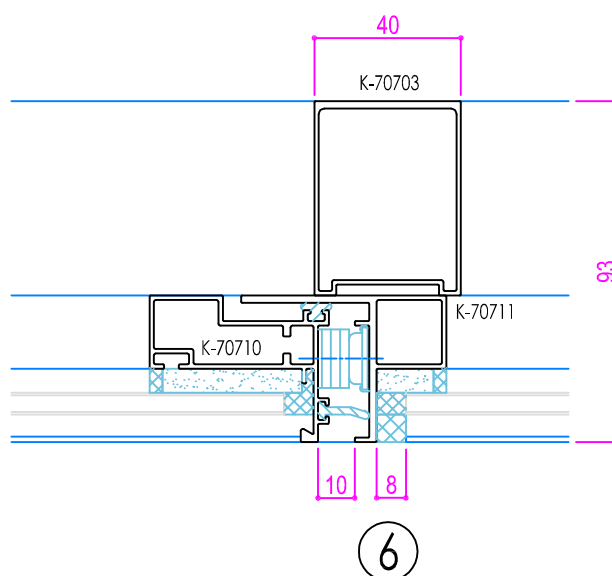
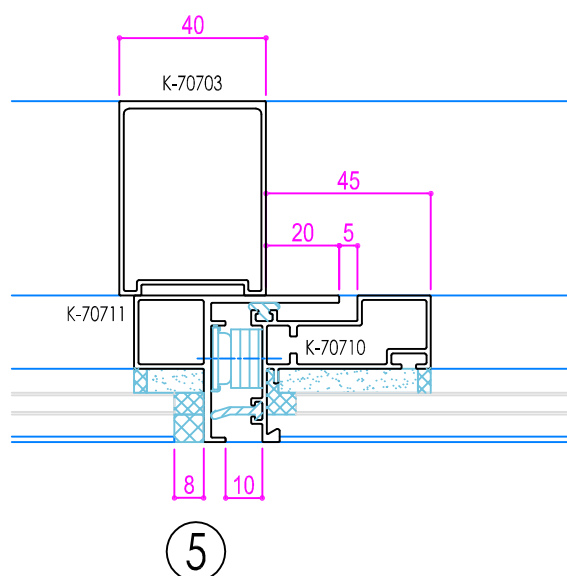
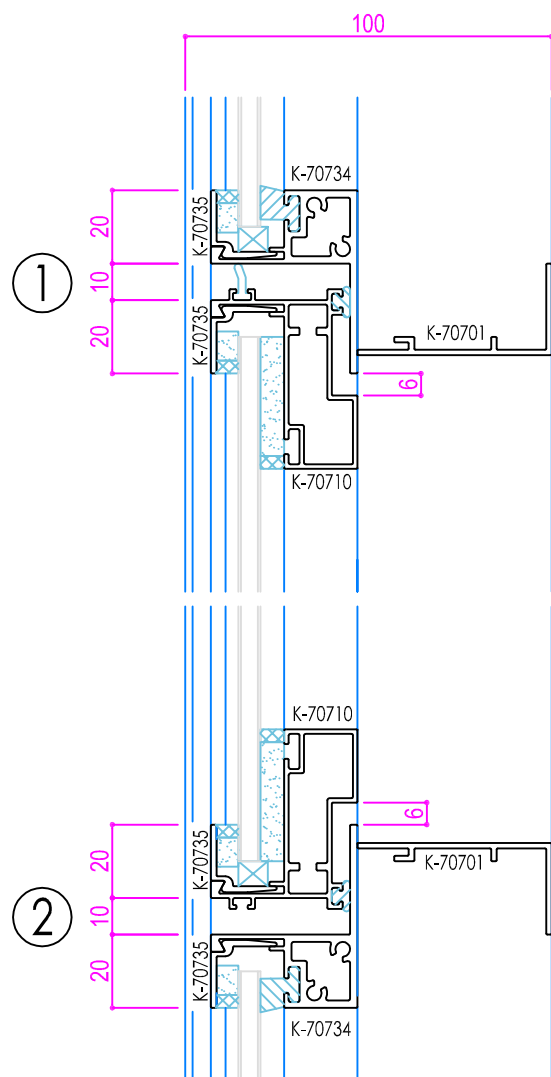


3.1. YCR Radius Type - Curtain Wall

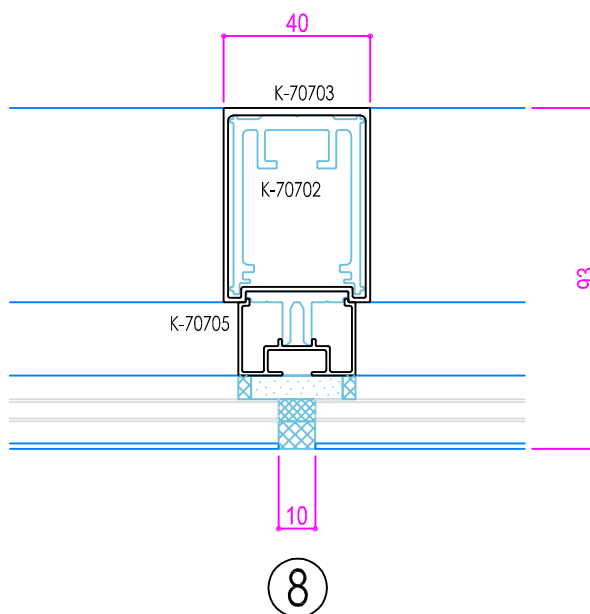
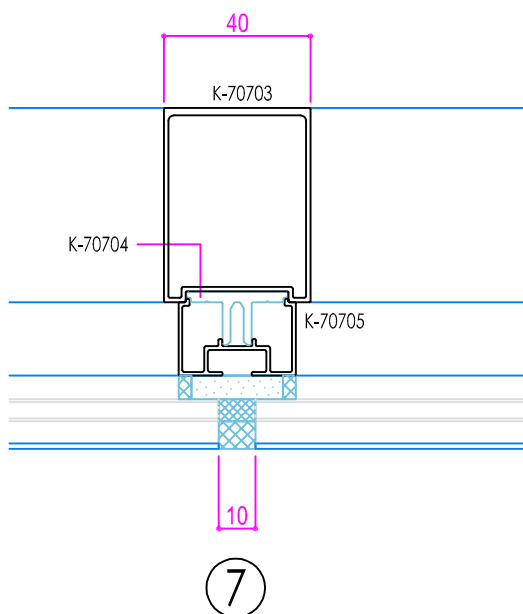
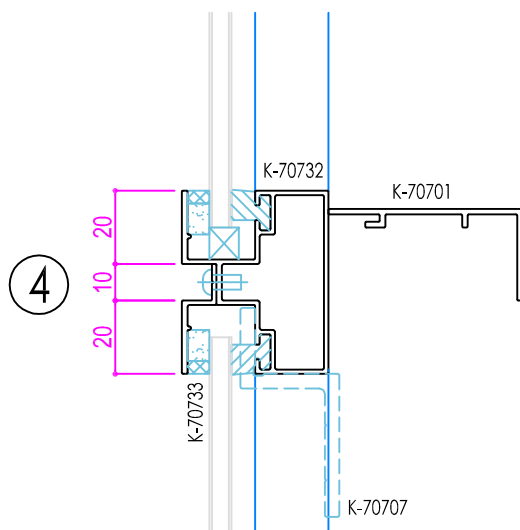
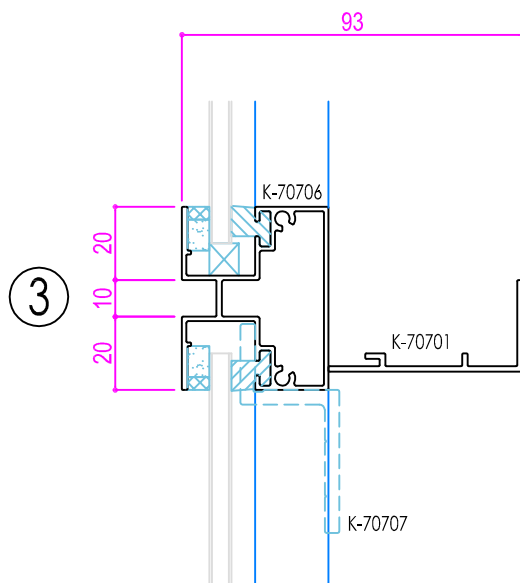
3. CURTAIN WALL



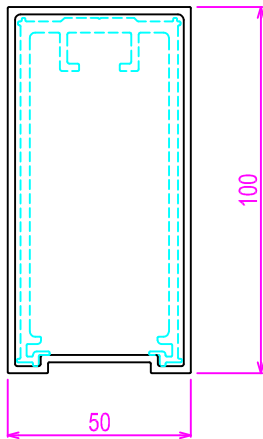
3.2. YCB Type - Curtain Wall



3. CURTAIN WALL

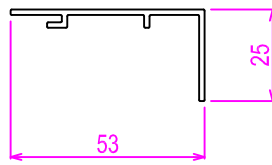


3. CURTAIN WALL



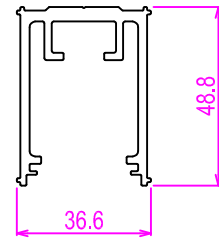
K-66142

W = 1.612 kg/m
t = 2.00 mm
Coating Perimeter = 278 mm



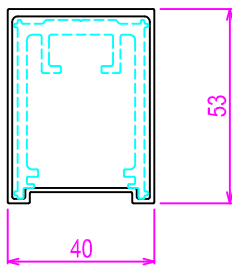
K-70701

W = 0.354 kg/m
t = 1.50 mm
Coating Perimeter = 80 mm



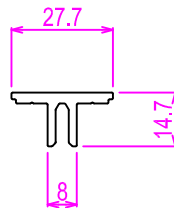
K-70702

W = 1.138 kg/m
t = 2.50 mm
Coating Perimeter = 140 mm



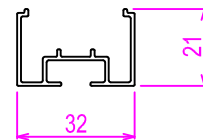
K-70703

W = 0.690 kg/m
t = 1.20 mm
Coating Perimeter = 166 mm



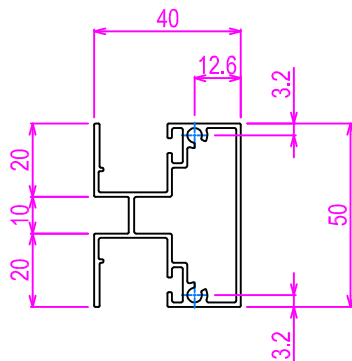
K-70704

W = 0.357 kg/m
t = 3.00 mm



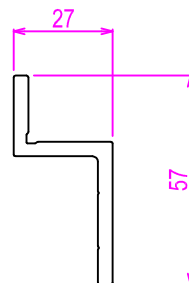
K-70705

W = 0.276 kg/m
t = 1.00 mm
Coating Perimeter = 54 mm



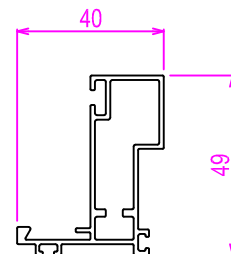
K-70706

W = 0.844 kg/m
t = 1.20 mm
Coating Perimeter = 210 mm



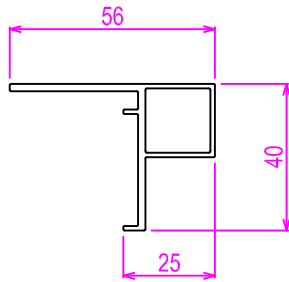
K-70707

W = 0.857 kg/m
t = 4.00 mm



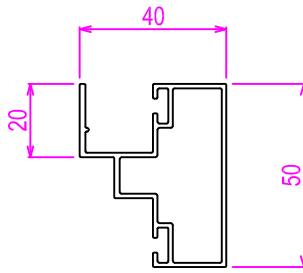
K-70710

W = 0.639 kg/m
t = 1.20 mm
Coating Perimeter = 60 mm



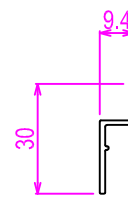
K-70711

W = 0.611 kg/m
t = 2.00 mm
Coating Perimeter = 90 mm



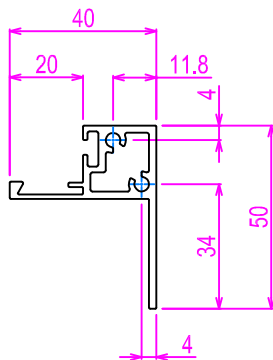
K-70732

W = 0.689 kg/m
t = 1.20 mm
Coating Perimeter = 135 mm



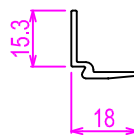
K-70733

W = 0.141 kg/m
t = 1.20 mm
Coating Perimeter = 32 mm



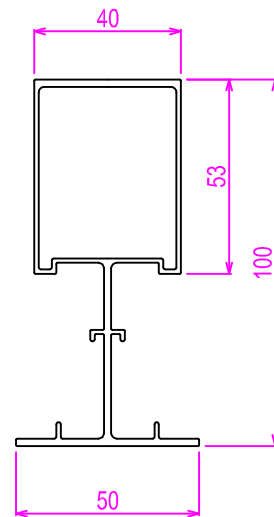
K-70734

W = 0.744 kg/m
t = 2.00 mm
Coating Perimeter = 165 mm



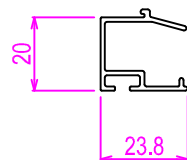
K-70735

W = 0.145 kg/m
t = 1.20 mm
Coating Perimeter = 26 mm



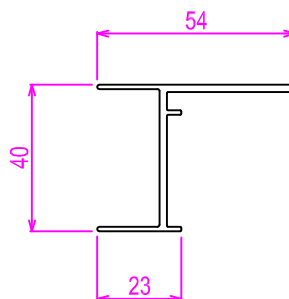
K-70736

W = 1.290 kg/m
t = 1.20 mm
Coating Perimeter = 308 mm



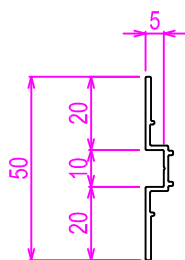
K-70737

W = 0.262 kg/m
t = 1.20 mm
Coating Perimeter = 44 mm



K-70738

W = 0.540 kg/m
t = 1.20 mm
Coating Perimeter = 150 mm

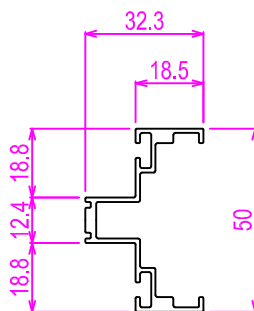


K-70739

W = 0.228 kg/m

t = 1.20 mm

Coating Perimeter = 60 mm

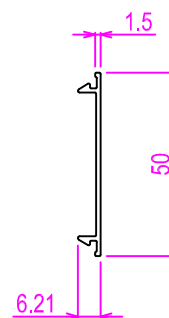


K-70740

W = 0.556 kg/m

t = 1.20 mm

Coating Perimeter = 90 mm

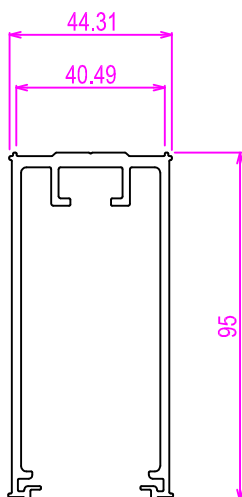


K-70741

W = 0.202 kg/m

t = 1.20 mm

Coating Perimeter = 60 mm

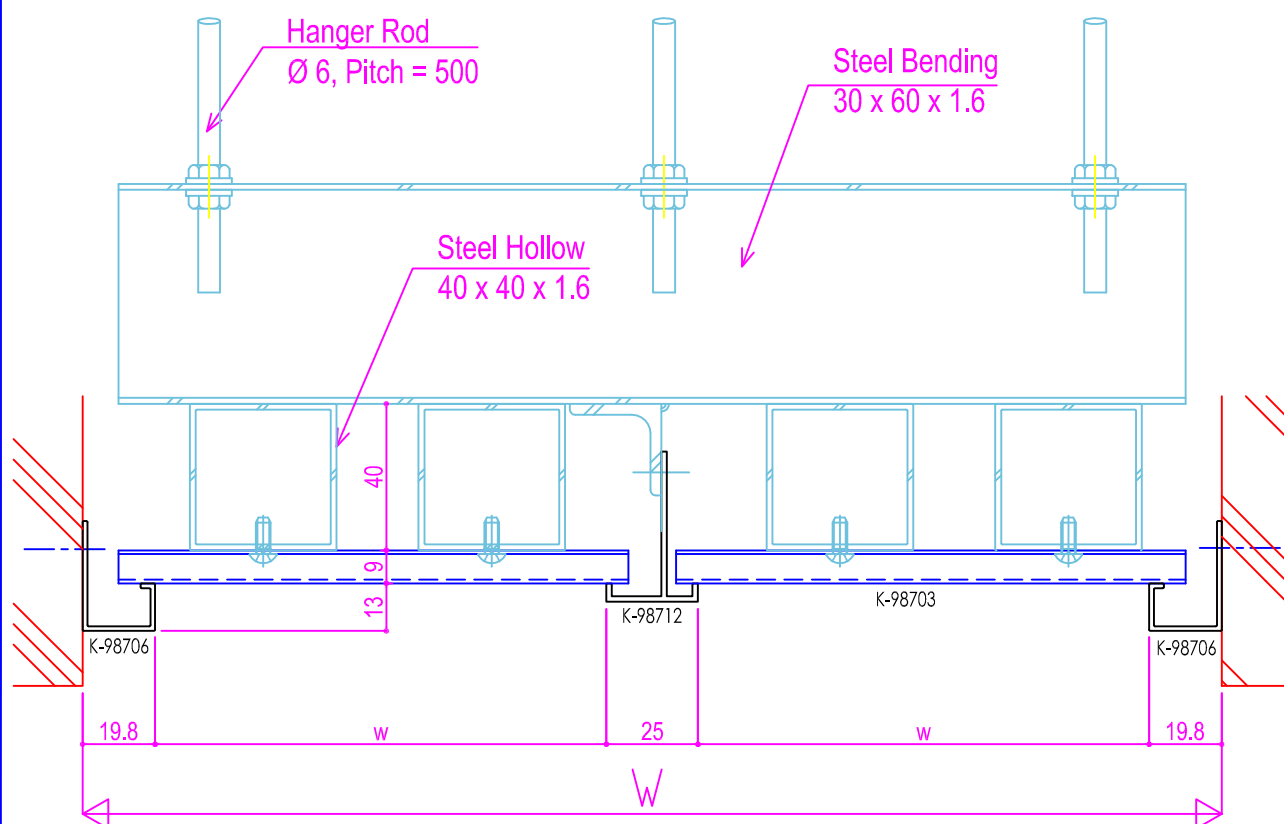
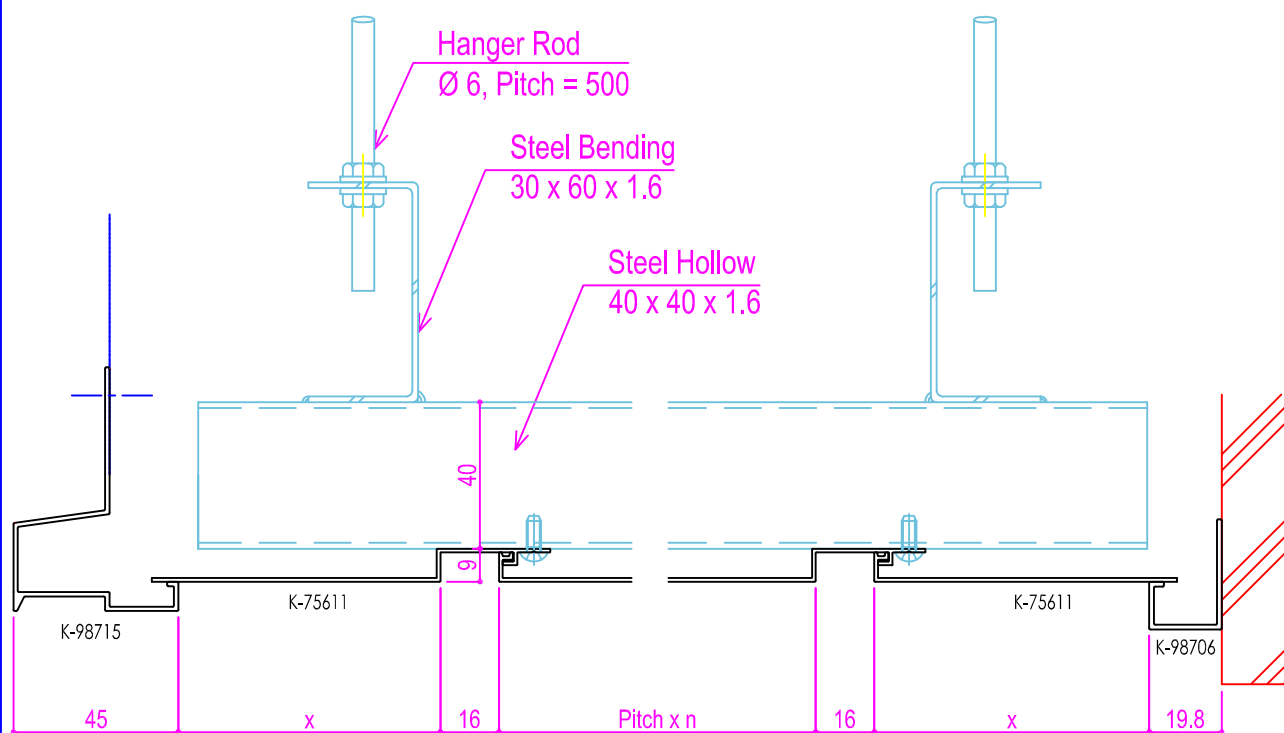


9K-99760

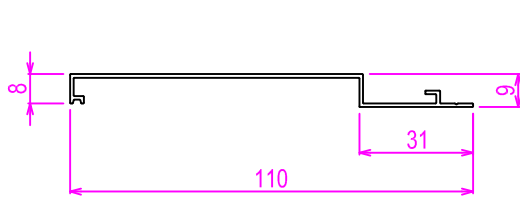
W = 1.857 kg/m

t = 2.50 mm

Coating Perimeter = 555 mm



4. OTHERS

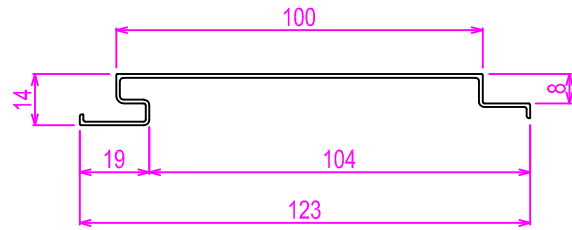


K-75611

W = 0.364 kg/m

t = 1.00 mm

Coating Perimeter = 126 mm

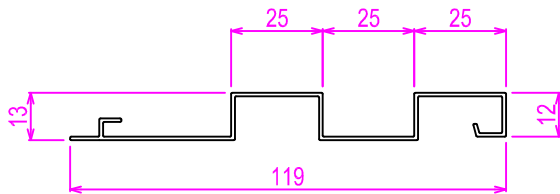


K-98702

W = 0.441 kg/m

t = 1.00 mm

Coating Perimeter = 141 mm

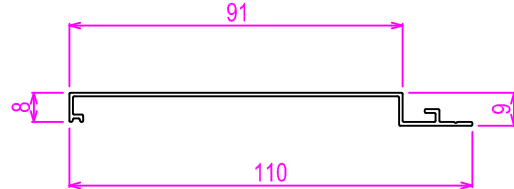


K-98703

W = 0.499 kg/m

t = 1.00 mm

Coating Perimeter = 180 mm

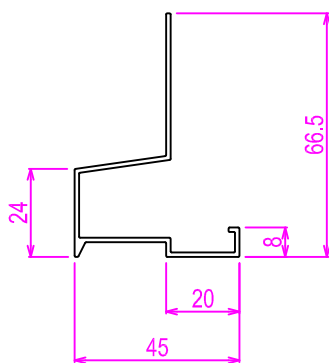


9K-99588

W = 0.364 kg/m

t = 1.00 mm

Coating Perimeter = 270 mm

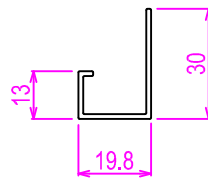


K-98715

W = 0.477 kg/m

t = 1.20 mm

Coating Perimeter = 160 mm

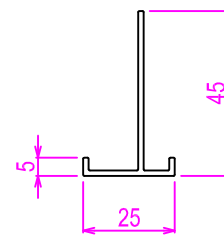


K-98706

W = 0.221 kg/m

t = 1.30 mm

Coating Perimeter = 70 mm

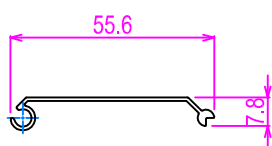


K-98712

W = 0.306 kg/m

t = 1.50 mm

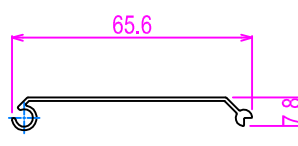
Coating Perimeter = 80 mm

9K-99101

W = 0.212 kg/m

t = 1.00 mm

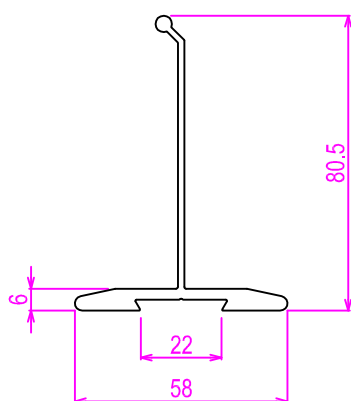
Coating Perimeter = 130 mm

9K-99102

W = 0.239 kg/m

t = 1.00 mm

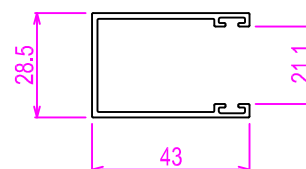
Coating Perimeter = 150 mm

9K-99103

W = 1.042 kg/m

t = 1.70 mm

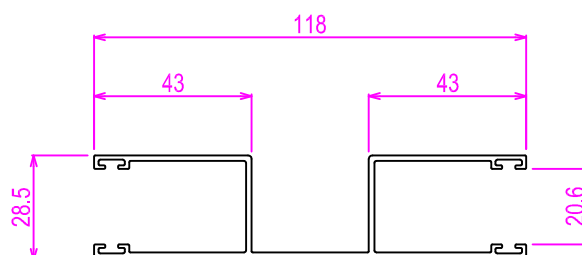
Coating Perimeter = 290 mm

9K-99104

W = 0.496 kg/m

t = 1.53 mm

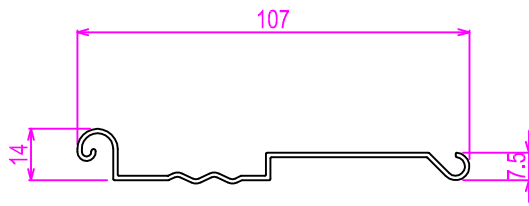
Coating Perimeter = 80 mm

9K-99105

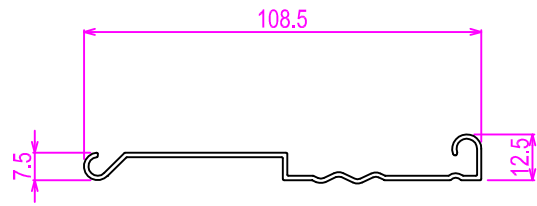
W = 1.128 kg/m

t = 1.53 mm

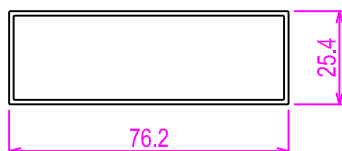
Coating Perimeter = 300 mm

**K-69731** $W = 0.465 \text{ kg/m}$ $t = 1.20 \text{ mm}$

Coating Perimeter = 290 mm

**K-69732** $W = 0.476 \text{ kg/m}$ $t = 1.20 \text{ mm}$

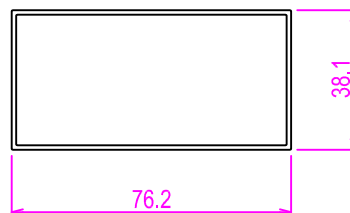
Coating Perimeter = 290 mm

K-66532

W = 0.643 kg/m

t = 1.2 mm

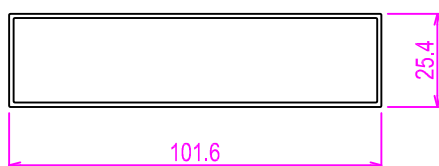
Coating Perimeter = 203 mm

K-66534

W = 0.725 kg/m

t = 1.2 mm

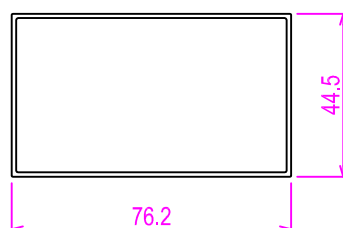
Coating Perimeter = 228 mm

K-66535

W = 0.807 kg/m

t = 1.2 mm

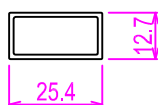
Coating Perimeter = 254 mm

K-66536

W = 0.767 kg/m

t = 1.2 mm

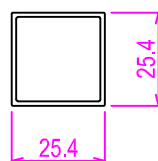
Coating Perimeter = 241 mm

K-72727

W = 0.232 kg/m

t = 1.2 mm

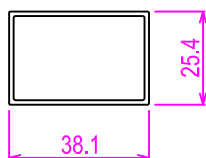
Coating Perimeter = 76 mm

K-72728

W = 0.314 kg/m

t = 1.2 mm

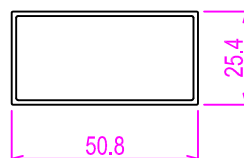
Coating Perimeter = 101 mm

K-72729

W = 0.396 kg/m

t = 1.2 mm

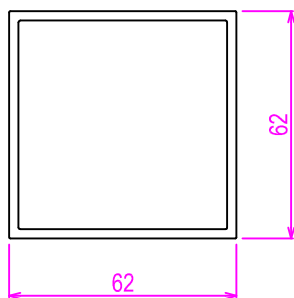
Coating Perimeter = 127 mm

K-72730

W = 0.479 kg/m

t = 1.2 mm

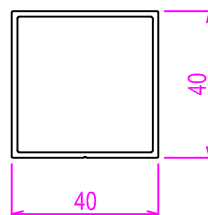
Coating Perimeter = 152 mm

**K-76339**

W = 1.607 kg/m

t = 2.5 mm

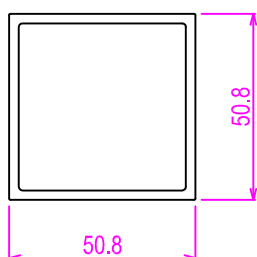
Coating Perimeter = 248 mm

**K-76851**

W = 0.624 kg/m

t = 1.5 mm

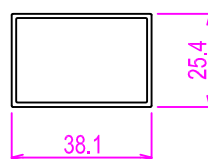
Coating Perimeter = 160 mm

**K-76891**

W = 1.356 kg/m

t = 2.6 mm

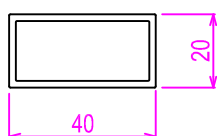
Coating Perimeter = 203 mm

**K-98606**

W = 0.396 kg/m

t = 1.2 mm

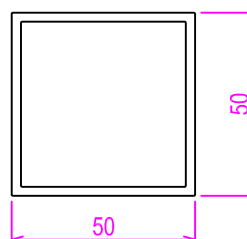
Coating Perimeter = 126 mm

**K-98607**

W = 0.548 kg/m

t = 1.8 mm

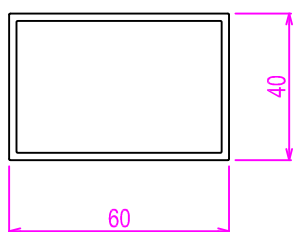
Coating Perimeter = 119 mm

**K-98609**

W = 1.283 kg/m

t = 2.5 mm

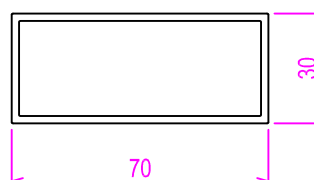
Coating Perimeter = 200 mm

**K-98612**

W = 1.037 kg/m

t = 2.0 mm

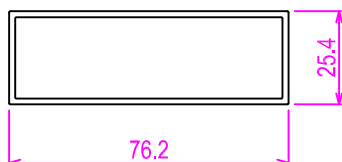
Coating Perimeter = 200 mm

**K-98613**

W = 1.037 kg/m

t = 2.0 mm

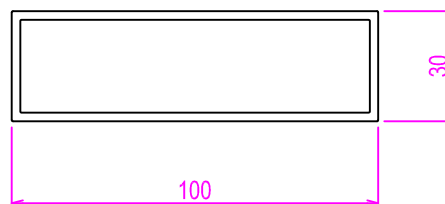
Coating Perimeter = 200 mm

K-98614

W = 0.850 kg/m

t = 1.6 mm

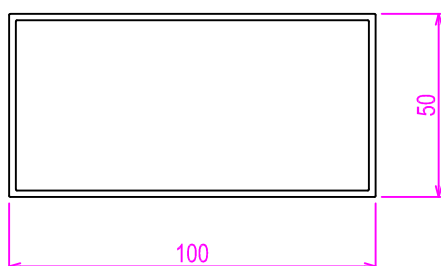
Coating Perimeter = 203 mm

K-98617

W = 1.557 kg/m

t = 2.3 mm

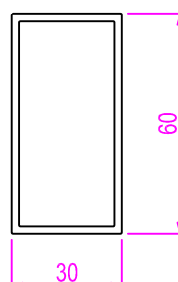
Coating Perimeter = 260 mm

K-98618

W = 1.423 kg/m

t = 1.8 mm

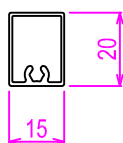
Coating Perimeter = 300 mm

K-98623

W = 0.929 kg/m

t = 2.0 mm

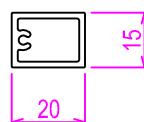
Coating Perimeter = 180 mm

K-65914

W = 0.195 kg/m

t = 0.8 mm

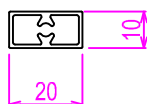
Coating Perimeter = 69 mm

K-66467

W = 0.306 kg/m

t = 1.6 mm

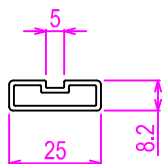
Coating Perimeter = 70 mm

K-76947

W = 0.198 kg/m

t = 1.0 mm

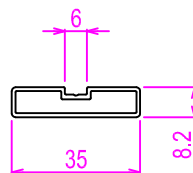
Coating Perimeter = 60 mm

K-92802

W = 0.227 kg/m

t = 1.3 mm

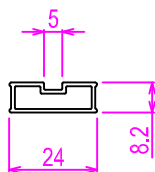
Coating Perimeter = 68 mm

K-92825

W = 0.246 kg/m

t = 1.0 mm

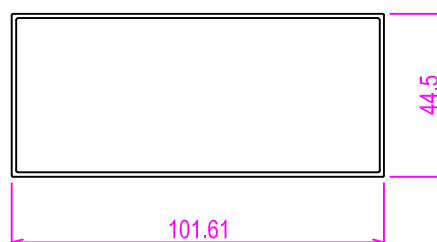
Coating Perimeter = 89 mm

K-99568

W = 0.173 kg/m

t = 1.0 mm

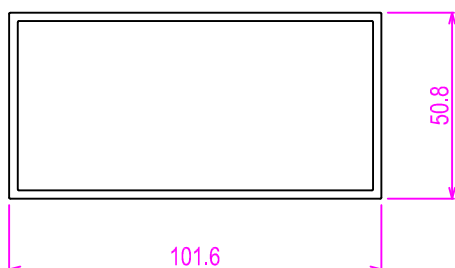
Coating Perimeter = 68 mm

9K-90249

W = 0.932 kg/m

t = 1.2 mm

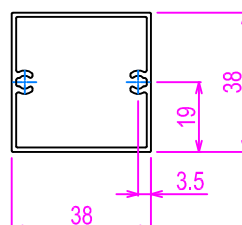
Coating Perimeter = 292 mm

9K-91045

W = 1.836 kg/m

t = 2.3 mm

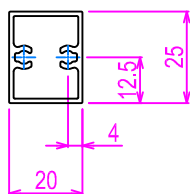
Coating Perimeter = 304.3 mm

9K-90363

W = 0.550 kg/m

t = 1.2 mm

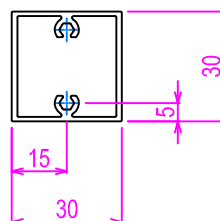
Coating Perimeter = 152 mm

9K-90452

W = 0.364 kg/m

t = 1.2 mm

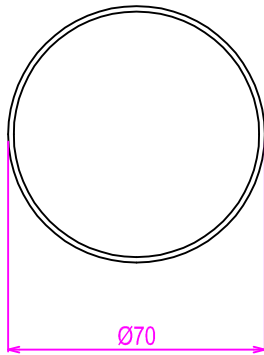
Coating Perimeter = 90 mm

9K-99335

W = 0.525 kg/m

t = 1.2 mm

Coating Perimeter = 120 mm

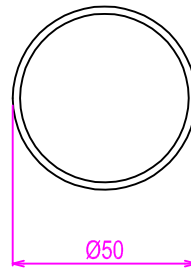


K-76885

W = 0.872 kg/m

t = 1.5 mm

Coating Perimeter = 220 mm

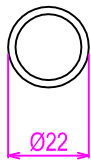


K-88980

W = 0.814 kg/m

t = 2.0 mm

Coating Perimeter = 160 mm

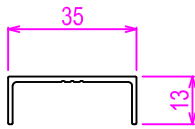


9K-90221

W = 0.339 kg/m

t = 2.0 mm

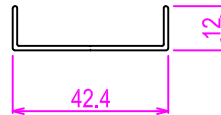
Coating Perimeter = 69 mm

2K-466B

W = 0.215 kg/m

t = 1.2 mm

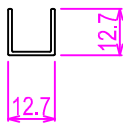
Coating Perimeter = 61 mm

K-66583

W = 0.207 kg/m

t = 1.2 mm

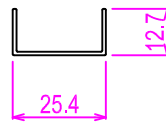
Coating Perimeter = 67 mm

K-72734

W = 0.097 kg/m

t = 1.0 mm

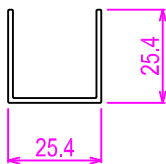
Coating Perimeter = 73 mm

K-72735

W = 0.132 kg/m

t = 1.0 mm

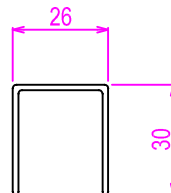
Coating Perimeter = 99 mm

K-72736

W = 0.258 kg/m

t = 1.3 mm

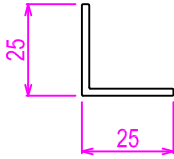
Coating Perimeter = 149 mm

9K-99134

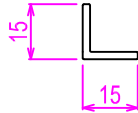
W = 0.335 kg/m

t = 1.5 mm

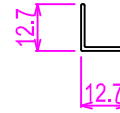
Coating Perimeter = 166 mm

K-256 $W = 0.259 \text{ kg/m}$ $t = 2.0 \text{ mm}$

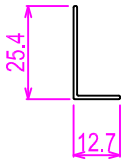
Coating Perimeter = 65 mm

K-257 $W = 0.151 \text{ kg/m}$ $t = 2.0 \text{ mm}$

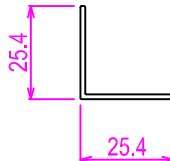
Coating Perimeter = 35 mm

K-72731 $W = 0.066 \text{ kg/m}$ $t = 1.0 \text{ mm}$

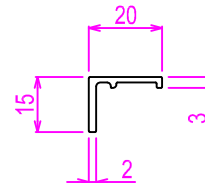
Coating Perimeter = 50 mm

K-72732 $W = 0.100 \text{ kg/m}$ $t = 1.0 \text{ mm}$

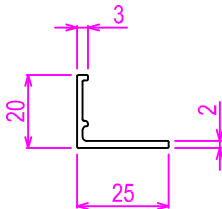
Coating Perimeter = 75 mm

K-72733 $W = 0.174 \text{ kg/m}$ $t = 1.3 \text{ mm}$

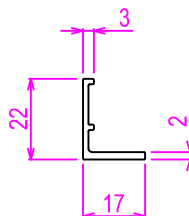
Coating Perimeter = 101 mm

K-99302 $W = 0.166 \text{ kg/m}$ $t = 1.5 \text{ mm}$

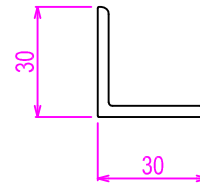
Coating Perimeter = 48 mm

K-99303 $W = 0.220 \text{ kg/m}$ $t = 1.5 \text{ mm}$

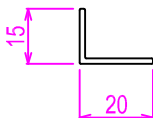
Coating Perimeter = 94 mm

K-99310 $W = 0.185 \text{ kg/m}$ $t = 1.5 \text{ mm}$

Coating Perimeter = 44 mm

K-99311 $W = 0.457 \text{ kg/m}$ $t = 3.0 \text{ mm}$

Coating Perimeter = 118 mm

9K-90503 $W = 0.135 \text{ kg/m}$ $t = 1.5 \text{ mm}$

Coating Perimeter = 69 mm

Profile	Series	Page	Profile	Series	Page
E-90127	 Door.....	33	K-72733	 General - Angle	75
K-252A	 Louvre Type - Window	54	K-72734	 General - U Pipe	74
K-254	 Louvre Type - Window	54	K-72735	 General - U Pipe	74
K-256	 General - Angle	75	K-72736	 General - U Pipe	74
K-257	 General - Angle	75	K-75526	 Sakura - Sliding Window	48
K-575	 Door	32	K-75527	 Sakura - Sliding Window	48
K-65914	 General - Square Pipe	71	K-75528	 Sakura - Sliding Window	48
K-66142	 Curtain Wall	62	K-75529	 Sakura - Sliding Window	48
K-66467	 General - Square Pipe	71	K-75530	 Sakura - Sliding Window	48
K-66532	 General - Square Pipe	69	K-75611	 Spandrel & Ceiling	66
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K-66535	 General - Square Pipe	69	K-75691	 Door	32
K-66536	 General - Square Pipe	69	K-75692	 Door	32
K-66583	 General - U Pipe	74	K-75693	 Sakura - Window	43
K-69125	 Serie 70E - Window	51	K-75694	 Sakura - Window	43
K-69126	 Serie 70E - Window	51	K-75696	 Sakura - Window	43
K-69731	 Folding Gate	68	K-76339	 General - Square Pipe	70
K-69732	 Folding Gate	68	K-76813	 Door	31
K-70701	 Curtain Wall	62	K-76814	 Door	31
K-70702	 Curtain Wall	62	K-76815	 Door	31
K-70703	 Curtain Wall	62	K-76816	 Door	31
K-70704	 Curtain Wall	62	K-76817	 Door	32
K-70705	 Curtain Wall	62	K-76851	 General - Square Pipe	70
K-70706	 Curtain Wall	62	K-76867	 Louvre Type - Window	54
K-70707	 Curtain Wall	62	K-76885	 SF-100 t=1.35	6
K-70710	 Curtain Wall	62	K-76885	 General - Circle Pipe	73
K-70711	 Curtain Wall	63	K-76891	 General - Square Pipe	70
K-70732	 Curtain Wall	63	K-76947	 General - Square Pipe	71
K-70733	 Curtain Wall	63	K-85701	 Door	33
K-70734	 Curtain Wall	63	K-85702	 Door	33
K-70735	 Curtain Wall	63	K-85748	 Door	33
K-70736	 Curtain Wall	63	K-88980	 General - Circle Pipe	73
K-70737	 Curtain Wall	63	K-92802	 General - Square Pipe	72
K-70738	 Curtain Wall	63	K-92825	 General - Square Pipe	72
K-70739	 Curtain Wall	64	K-94380	 Door	32
K-70740	 Curtain Wall	64	K-94389	 Door	32
K-70741	 Curtain Wall	64	K-94390	 Door	32
K-70780	 Sakura - Window	43	K-94391	 Door	33
K-72727	 General - Square Pipe	69	K-94392	 Door	33
K-72728	 General - Square Pipe	69	K-94393	 Door	33
K-72729	 General - Square Pipe	69	K-97901	 Door	34
K-72730	 General - Square Pipe	69	K-97902	 Door	34
K-72731	 General - Angle	75	K-97903	 Door	34
K-72732	 General - Angle	75	K-97904	 Door	34

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K-97905	 Door	 34	9K-86012	 SF-100 t=1.35	6
K-97906	 Door	 34	9K-86014	 Door	31
K-97908	 Door	 34	9K-86015	 Door	32
K-97911	 Door	 35	9K-86016	 Door	6
K-97913	 Door	 35	9K-86021	 SF-70 t=1.0	9
K-97914	 Door	 35	9K-86022	 SF-70 t=1.0	9
K-97725	 Door	 34	9K-86023	 SF-70 t=1.0	9
K-97727	 Door	 35	9K-86024	 SF-70 t=1.0	9
K-97728	 Door	 35	9K-86025	 SF-70 t=1.0	9
K-97729	 Door	 35	9K-86026	 SF-70 t=1.0	9
K-97730	 Door	 35	9K-86027	 SF-70 t=1.0	9
K-97748	 Door	 34	9K-86028	 SF-70 t=1.0	9
K-98606	 General - Square Pipe	70	9K-86029	 SF-70 t=1.0	10
K-98607	 General - Square Pipe	70	9K-86030	 Door	32
K-98609	 General - Square Pipe	70	9K-86032	 Door	32
K-98612	 General - Square Pipe	70	9K-86033	 SF-70 t=1.0	10
K-98613	 General - Square Pipe	70	9K-86034	 SF-70 t=1.0	10
K-98614	 General - Square Pipe	71	9K-86035	 Door	32
K-98617	 General - Square Pipe	71	9K-86041	 SF-70 t=1.2	14
K-98618	 General - Square Pipe	71	9K-86042	 SF-70 t=1.2	14
K-98623	 General - Square Pipe	71	9K-86043	 SF-70 t=1.2	14
K-98702	 Spandrel & Ceiling	66	9K-86044	 SF-70 t=1.2	14
K-98703	 Spandrel & Ceiling	66	9K-86045	 SF-70 t=1.2	14
K-98706	 Spandrel & Ceiling	66	9K-86046	 SF-70 t=1.2	14
K-98712	 Spandrel & Ceiling	66	9K-86048	 Door & SF-70 t=1.2.....	14&31
K-98715	 Spandrel & Ceiling	66	9K-86061	 Sakura - Window	43
K-98953	 Louvre Type - Window	54	9K-86062	 Sakura - Window	43
K-99302	 General - Angle	75	9K-86063	 Sakura - Window	43
K-99303	 General - Angle	75	9K-86064	 Sakura - Window	43
K-99310	 General - Angle	75	9K-86065	 Sakura - Sliding Window ...	48
K-99311	 General - Angle	75	9K-86066	 Sakura - Sliding Window ...	48
K-99568	 General - Square Pipe	72	9K-86067	 Sakura - Sliding Window ...	48
2K-466B	 General - U Pipe	74	9K-86068	 Sakura - Sliding Window ...	48
9K-86001	 SF-100 t=1.35	5	9K-86070	 Semi Frameless Door	38
9K-86002	 SF-100 t=1.35	5	9K-86071	 Semi Frameless Door	38
9K-86003	 SF-100 t=1.35	5	9K-86072	 SF-100 t=1.35	6
9K-86004	 SF-100 t=1.35	5	9K-86073	 SF-100 t=1.35	6
9K-86005	 SF-100 t=1.35	5	9K-90221	 General - Circle Pipe	73
9K-86006	 SF-100 t=1.35	5	9K-90249	 General - Square Pipe	72
9K-86007	 SF-100 t=1.35	5	9K-90363	 General - Square Pipe	72
9K-86008	 SF-100 t=1.35	5	9K-90452	 General - Square Pipe	72
9K-86009	 SF-100 t=1.35	6	9K-90503	 General - Angle	75
9K-86010	 Door	32	9K-91045	 General - Square Pipe	72
9K-86011	 SF-100 t=1.35	6	9K-99101	 Rolling Shutter	67

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9K-99102	 Rolling Shutter	67			
9K-99103	 Rolling Shutter	67			
9K-99104	 Rolling Shutter	67			
9K-99105	 Rolling Shutter	67			
9K-99134	 General - U Pipe	74			
9K-99179	 Door	31			
9K-99335	 General - Square Pipe	72			
9K-99588	 Spandrel & Ceiling	66			
9K-99589	 Serie 70E - Window	51			
9K-99715	 Sakura - Sliding Window	48			
9K-99742	 Door	31			
9K-99760	 Curtain Wall	64			

AP GUARD COAT

ANODISE PLUS

YKK
ap
the art of
aluminum
window

What is AP Guard Coat?

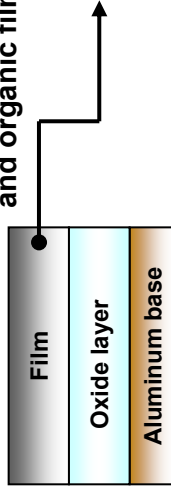
⇒ HIGH TECHNOLOGY & QUALITY from JAPAN

■ Anodic oxide film



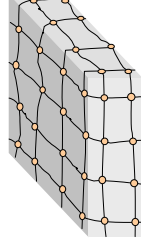
Covered with layer electrically-oxidized.

■ Combined coating of anodic oxide and organic film

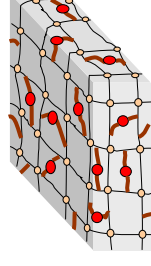


This surface treatment is most popular among Japanese windows and doors.
※White and Gray color is available in this coating.

【Conventional Film】



【Film of AP Guard Coat】



Moreover, Surface of SG coating is covered with added joints which prevent its surface from cracking and deteriorating.

● Added joint

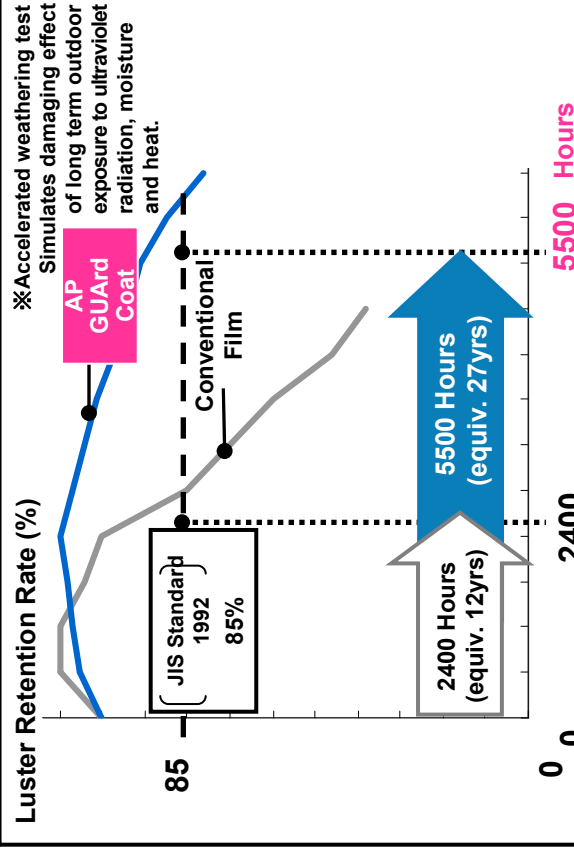
□ Comparison of Performance

Surface Treatment Evaluation Criteria	Anodic oxide film		Combined coating of anodic oxide and organic film		Fluoropolymer coatings
	20 μm	9-7 μm	Conventional type	AP Guard Coat	
Adhesive property	◎	◎	◎	◎	◎
Corrosion resistance	△	○	○	○	◎
Weather resistance	×	○	○	○~◎	◎
Surface hardness	◎	○	○	○	△
Alkali resistance	×	○	○	○	◎
Abrasion resistance	◎	○	○	○	○
Economical efficiency	◎	○	○	○	×

Combined type is superior to anodic oxide film in a point of corrosion resistance, weather resistance and alkali resistance.

When comparing with polyester powder coating or fluoropolymer coating, its performance is stable totally and excel in cost.

□ Comparison of AP Guard coat and Conventional Film



It takes 5500 hours for AP Guard coat before being 85% of luster retention rate, which is defined by JIS, while conventional film takes 2400 hours. You can realize e luster of AP Guard coat is maintained much longer from this data.

QUALITY PROOF of YKK AP INDONESIA

YKK AP INDONESIA
assures the highest level of
quality proven product



Architectural Product

- JIS H 4100 (Aluminium and Aluminium Alloy Extruded Shape)
- JIS H 8602 (Combined Coating of Anodic Oxide and Organic Coating on Aluminium and Aluminium Alloys)
- Approved Applicator for PPG, DNT, Du Pont, KANSAI, INTERPON, JOTUN
- ISO 9001 (Design, Development, Manufacture and Project Construction of Aluminium Architectural Products for High Rise and Residential Buildings)
- ISO 14001 (Aluminium Profile Finished Good, Comprise of Aluminium Doors, Window & Curtain Wall and Unitized System)



Parts



Cam latch Handle, Crescent Lock & Friction Stay are always with YKK AP Logo



Cam latch Handle

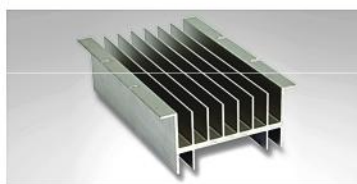


Friction Stay

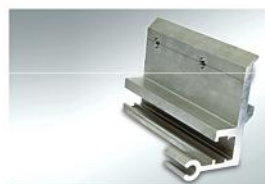


Crescent Lock

Industrial Product



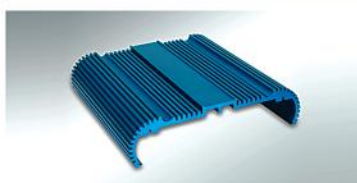
Electronic Heat Sink



Window Bracket



Head Lamp Bracket



Amplifier Casing

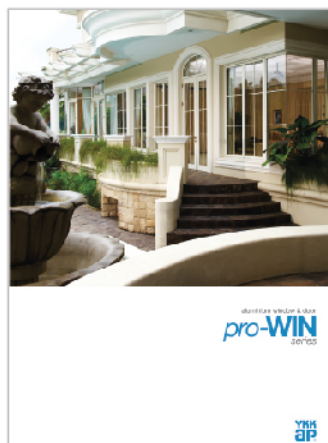


Automotive Foot Step



Piano Hammer Rail

YKK AP INDONESIA
Finished Good Brochures



Pro-Win



UCW-125



Pro-Win
Large Size Product



Entrance Door
EXHIDO



Folding Door



Ventilation Door