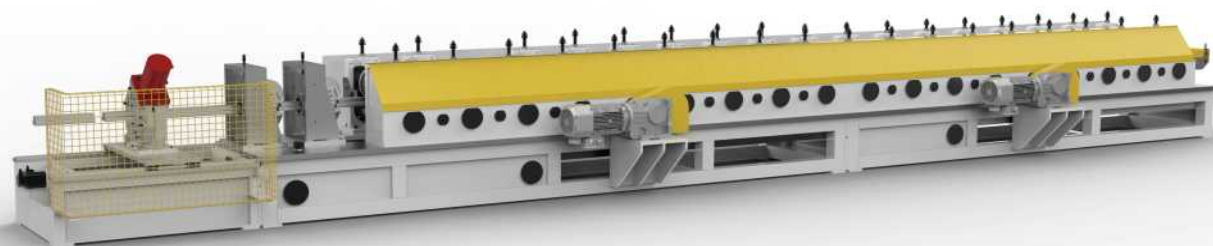




▲ 精密型钢系统



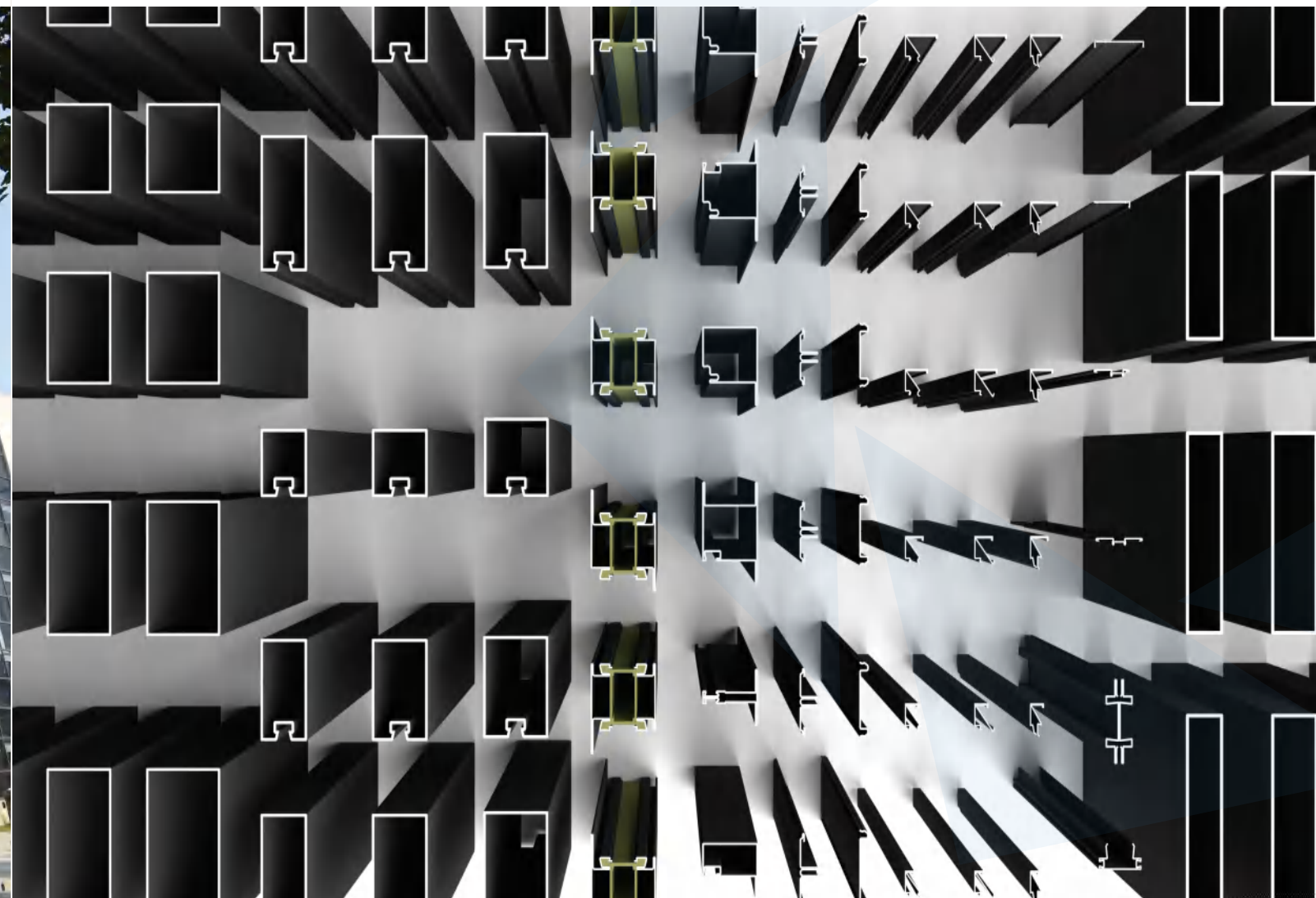
英普瑞科技（嘉兴）有限公司
Improve Technology Co.,Ltd.(JiaXing)

地址：中国浙江省嘉兴市南湖区亚中路210号
电话：+86-19805789777/13656137006（微信）
网址：www.improvechina.com



英普瑞科技（嘉兴）有限公司
Improve Technology Co.,Ltd.(JiaXing)

C类防火隔断



英普瑞科技（嘉兴）有限公司，成立于2009年，注册资金500万美元，目前在嘉兴市南湖区科技城、海盐望海街道和王江泾开发区设有三个工厂，员工总数约450人。

公司目前主要从事的生产项目有：智能门控系统、智能晾衣架、智能仓储、冷弯成型设备、非标自动化设备及钢制门窗幕墙系统等六大类产品的研发与生产。

公司拥有系统的模具车间、机械加工车间、喷涂车间和装配生产线；拥有注塑机、压铸机、数控冲床、高速冲床、滚齿机、激光切割、加工中心等设备300余台。

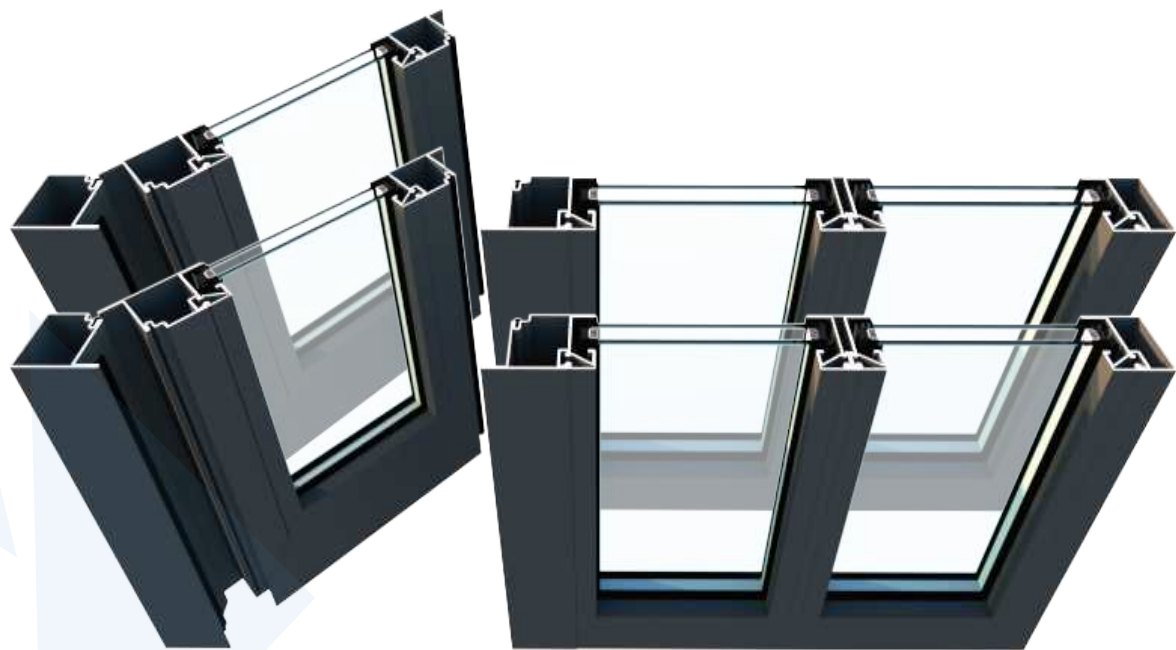
2014年公司被浙江省科学技术厅认定为“科技型中小企业”公司自主研发的“新型智能车库门电机”等5个新产品，被列入浙江省科学技术厅2017年新产品试制计划项目；2017年被认定为“嘉兴市级高新技术研究开发中心”；2018年被认定为国家高新技术企业。

精密型钢事业部，依托公司智能装备和冷弯成型设备的制造优势开发冷弯钢型材。目前已开发完成：防火幕墙系列、矩形方管系列、C类防火门系列、C类耐火窗系列、隔热防火门系列、隔热防火窗系列和单玻防火隔断、双玻防火隔断以及纤细隔热门窗型材等九大类共190多个规格的系列产品。

型材生产采取一模一机的方式，配套五金选用市场通用名牌产品；连接配件模具化生产，装配式连接、标准化安装。过程变得极其简单，大大的节省了制作及安装成本。

公司致力于打造一家中国最大、系统最全、规格最多、质量最好、价格最宜的防火钢型材生产基地。

IPR非隔热防火隔断



IPR50隔断系统，适用于写字楼、商场、银行、博物馆、医院、实验室、机房等室内场所。

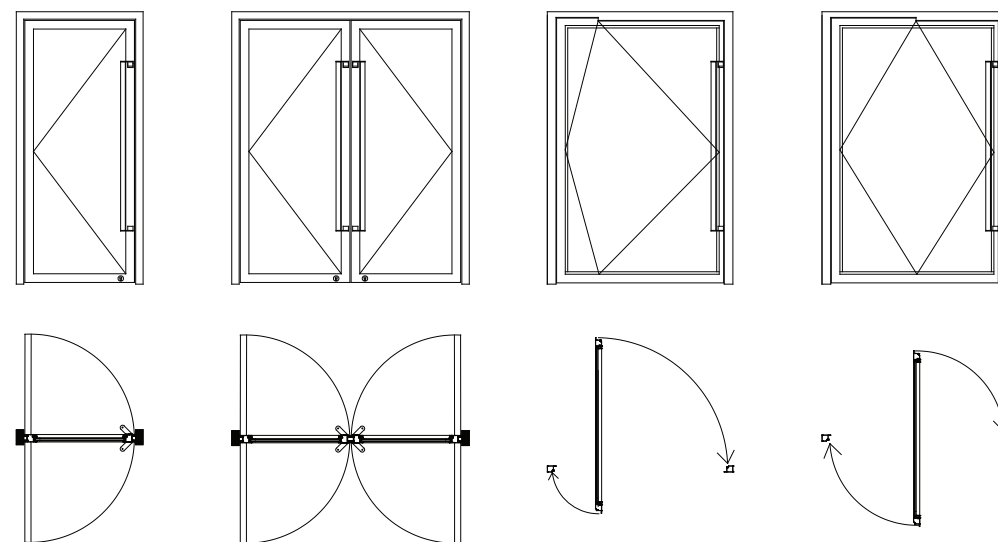
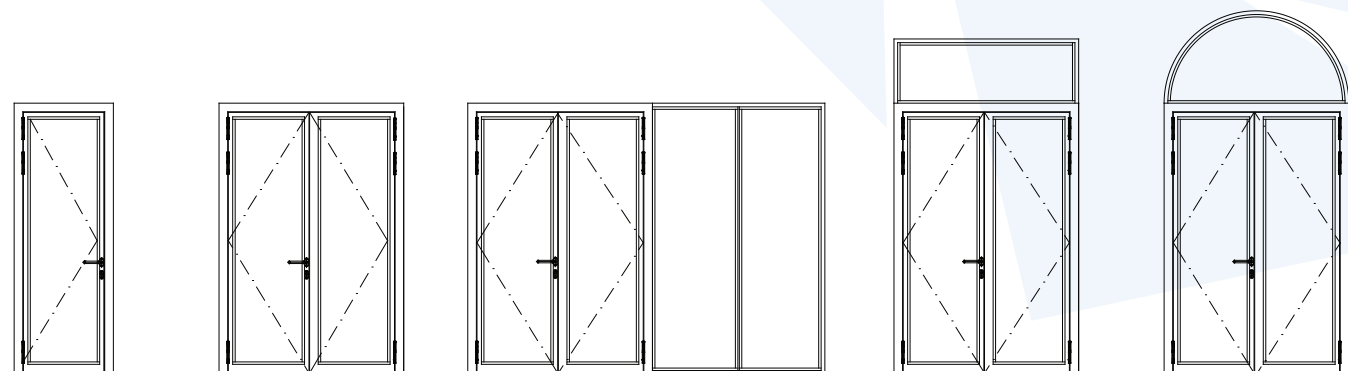
型材R角的独特设计让视觉效果极致精美；钢制压条与型材C槽完美结合，配合尺寸达到极致；立柱与横梁卡扣式定位连接无缝隙、无错位；边框端面缺口模具冲压完成。完全实现了标准化、模具化、装配化制作安装的理想模式。

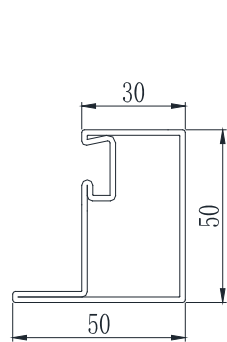


50系列

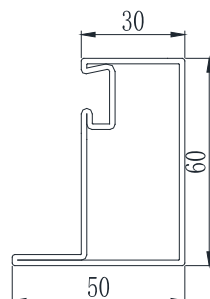
60系列

70系列

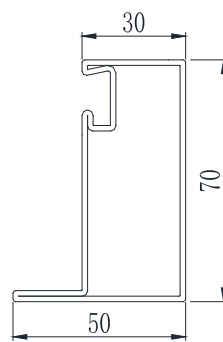




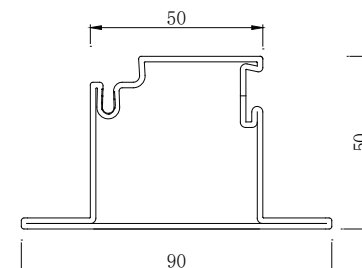
105.101



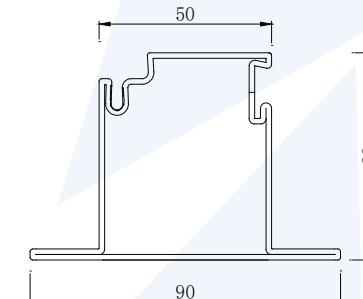
105.108



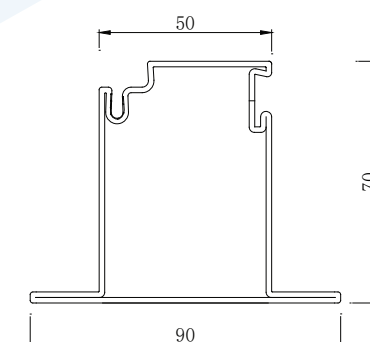
105.115



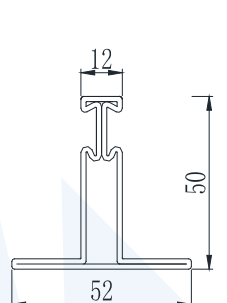
105.105



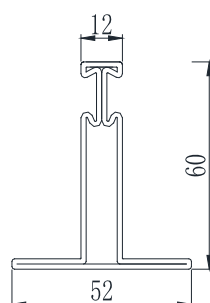
105.112



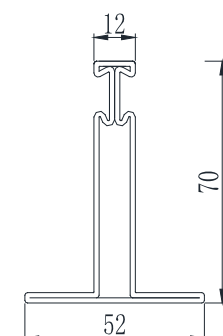
105.119



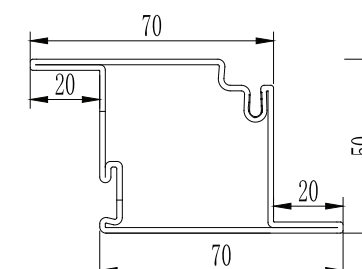
105.102



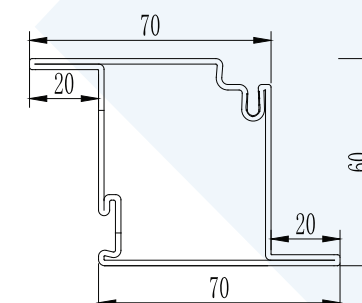
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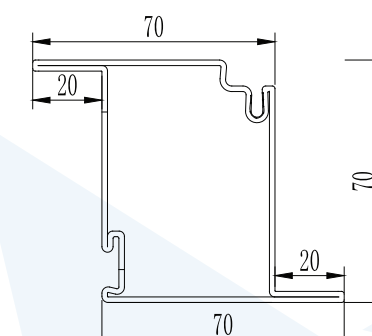
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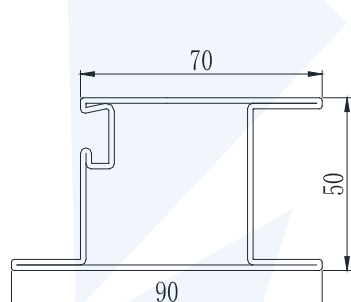
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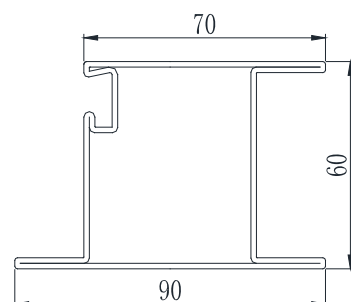
105.113



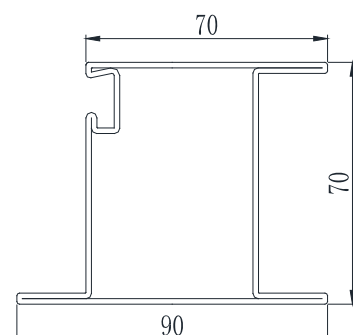
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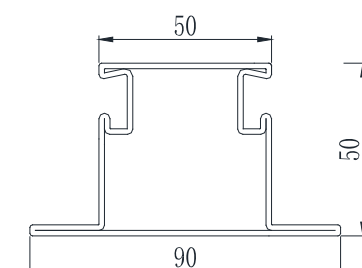
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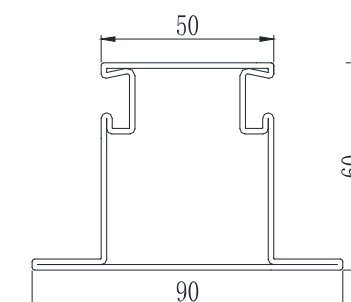
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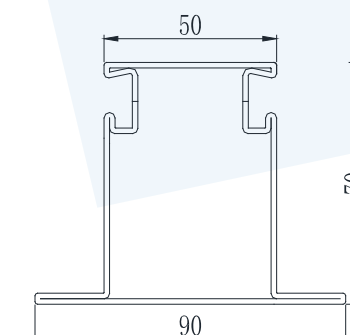
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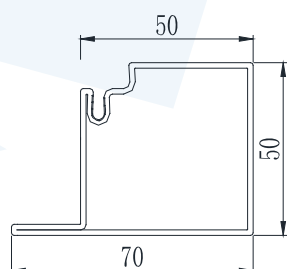
105.107



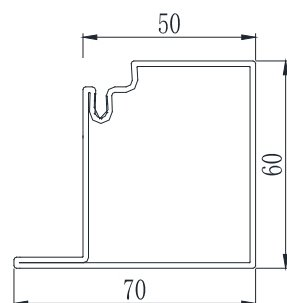
105.114



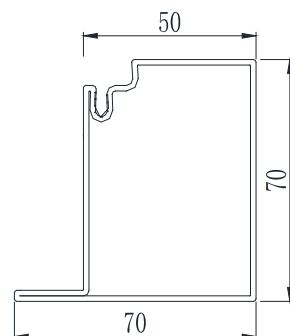
105.121



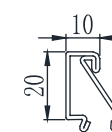
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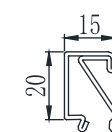
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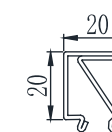
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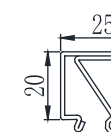
420.110



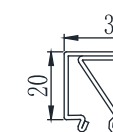
420.115



420.120



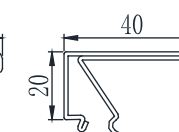
420.125



420.130



420.135



420.140

编号	材质	米重 kg/m	屈服 MPa	抗拉 MPa	延伸率 %	锌层 g	表面 质量
105.101	镀锌钢	2.73	235-285	315-365	39%-42%	80-120g	FB
105.102	镀锌钢	2.64	235-285	315-365	39%-42%	80-120g	FB
105.103	镀锌钢	4.20	235-285	315-365	39%-42%	80-120g	FB
105.104	镀锌钢	3.06	235-285	315-365	39%-42%	80-120g	FB
105.105	镀锌钢	3.84	235-285	315-365	39%-42%	80-120g	FB
105.106	镀锌钢	3.83	235-285	315-365	39%-42%	80-120g	FB
105.107	镀锌钢	4.04	235-285	315-365	39%-42%	80-120g	FB
105.108	镀锌钢	2.98	235-285	315-365	39%-42%	80-120g	FB
105.109	镀锌钢	2.85	235-285	315-365	39%-42%	80-120g	FB
105.110	镀锌钢	4.45	235-285	315-365	39%-42%	80-120g	FB
105.111	镀锌钢	3.32	235-285	315-365	39%-42%	80-120g	FB
105.112	镀锌钢	4.09	235-285	315-365	39%-42%	80-120g	FB
105.113	镀锌钢	4.08	235-285	315-365	39%-42%	80-120g	FB
105.114	镀锌钢	4.30	235-285	315-365	39%-42%	80-120g	FB
105.115	镀锌钢	3.24	235-285	315-365	39%-42%	80-120g	FB
105.116	镀锌钢	3.09	235-285	315-365	39%-42%	80-120g	FB
105.117	镀锌钢	4.70	235-285	315-365	39%-42%	80-120g	FB
105.118	镀锌钢	3.57	235-285	315-365	39%-42%	80-120g	FB
105.119	镀锌钢	4.35	235-285	315-365	39%-42%	80-120g	FB
105.120	镀锌钢	4.33	235-285	315-365	39%-42%	80-120g	FB
105.121	镀锌钢	4.55	235-285	315-365	39%-42%	80-120g	FB
420.110	镀锌钢	0.73	235-285	315-365	39%-42%	80-120g	FB
420.115	镀锌钢	0.83	235-285	315-365	39%-42%	80-120g	FB
420.120	镀锌钢	0.92	235-285	315-365	39%-42%	80-120g	FB
420.125	镀锌钢	1.02	235-285	315-365	39%-42%	80-120g	FB
420.130	镀锌钢	1.11	235-285	315-365	39%-42%	80-120g	FB
420.135	镀锌钢	1.21	235-285	315-365	39%-42%	80-120g	FB
420.140	镀锌钢	1.30	235-285	315-365	39%-42%	80-120g	FB

实际运用案例



搭边胶条

位置：开启搭边



305.301

玻外胶条

位置：型材与玻璃外侧间胶条



305.302

6-7mm玻内胶条

位置：玻璃压条



305.303

4-5mm玻内胶条

位置：玻璃压条



305.304

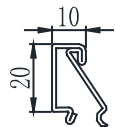
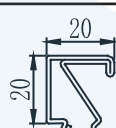
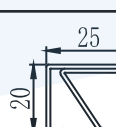
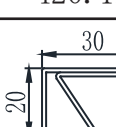
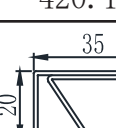
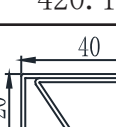
3mm玻内胶条

位置：玻璃压条

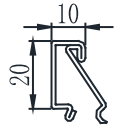
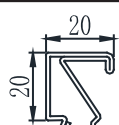
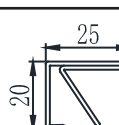
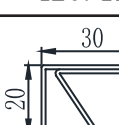
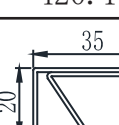
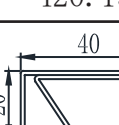


305.305

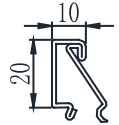
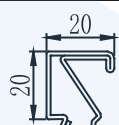
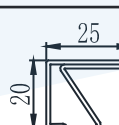
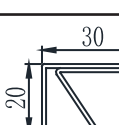
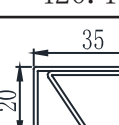
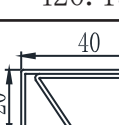
50系列玻璃胶条匹配表

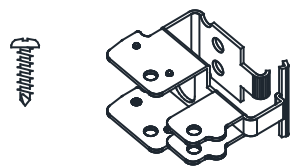
玻外胶条	玻内胶条					
305.302 	305.303 	305.303 	305.304 	305.304 	305.305 	
5	24	25	26	27	28	 420.110
	19	20	21	22	23	 420.115
	14	15	16	17	18	 420.120
	9	10	11	12	13	 420.125
		5	6	7	8	 420.130
						 420.135
						 420.140

60系列玻璃胶条匹配表

玻外胶条	玻内胶条					
305. 302 	305. 303 	305. 303 	305. 304 	305. 304 	305. 305 	
5	34	35	36	37	38	 420. 110
	29	30	31	32	33	 420. 115
	24	25	26	27	28	 420. 120
	19	20	21	22	23	 420. 125
	14	15	16	17	18	 420. 130
	9	10	11	12	13	 420. 135
		5	6	7	8	 420. 140

70系列玻璃胶条匹配表

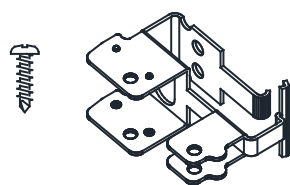
玻外胶条	玻内胶条					
305. 302 	305. 303 	305. 303 	305. 304 	305. 304 	305. 305 	
5	44	45	46	47	48	 420. 110
	39	40	41	42	43	 420. 115
	34	35	36	37	38	 420. 120
	29	30	31	32	33	 420. 125
	24	25	26	27	28	 420. 130
	19	20	21	22	23	 420. 135
	14	15	16	17	18	 420. 140



205.101

50系列固定框定位连接件

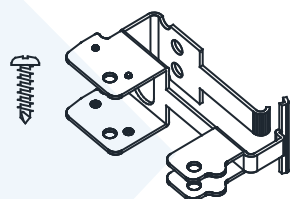
位置：外框90° 链接
备注：需配套 $\phi 4.2 \times 19\text{mm}$ 盘头自攻螺丝



205.102

60系列固定框定位连接件

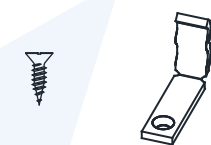
位置：外框90° 链接
备注：需配套 $\phi 4.2 \times 19\text{mm}$ 盘头自攻螺丝



205.103

70系列固定框定位连接件

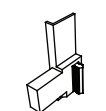
位置：外框90° 链接
备注：需配套 $\phi 4.2 \times 19\text{mm}$ 盘头自攻螺丝



205.104

中挺定位连接件

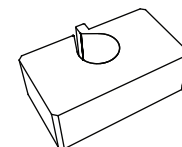
位置：中挺90° 链接
备注：需配套GB/T 15856.2-2002
十字槽沉头自攻自钻螺钉



305.311

密封件

位置：双开门搭边
备注：需配套三元乙丙胶使用



500.101

焊接合页模具

备注：单扇门需4件模具同时使用



205.110

2D焊接合页

备注：上下调节 $\pm 4.5\text{mm}$
配套模具500.101



205.111

螺栓合页

备注：三维可调节



标准锁体 (ECO GBS 31F)

适用于DIN左/右手门安装
拨轮: 8mm



双开门常闭扇防火插销锁体
(ECO GBS 94f)

适用于双开门常闭扇防火逃生锁体

需配合额外的顶部插销使用



安全疏散门执手 (ECO D-115)

适用于DIN左/右手门安装
拨轮: 9mm, 8mm



安全疏散门执手 (ECO D-116)

适用于DIN左/右手门安装
拨轮: 9mm, 8mm



执手 (ECO D-310)

适用于DIN左/右手门安装
拨轮: 9mm, 8mm



执手 (ECO D-315)

适用于DIN左/右手门安装
拨轮: 9mm



执手 (ECO K-2160)

适用于DIN左/右手门安装
拨轮: 8mm



下压式逃生推杆

适用于DIN左/右手门安装
拨轮：9mm



折臂闭门器

适用于DIN左/右手门安装



滑尺闭门器

适用于DIN左/右手门安装

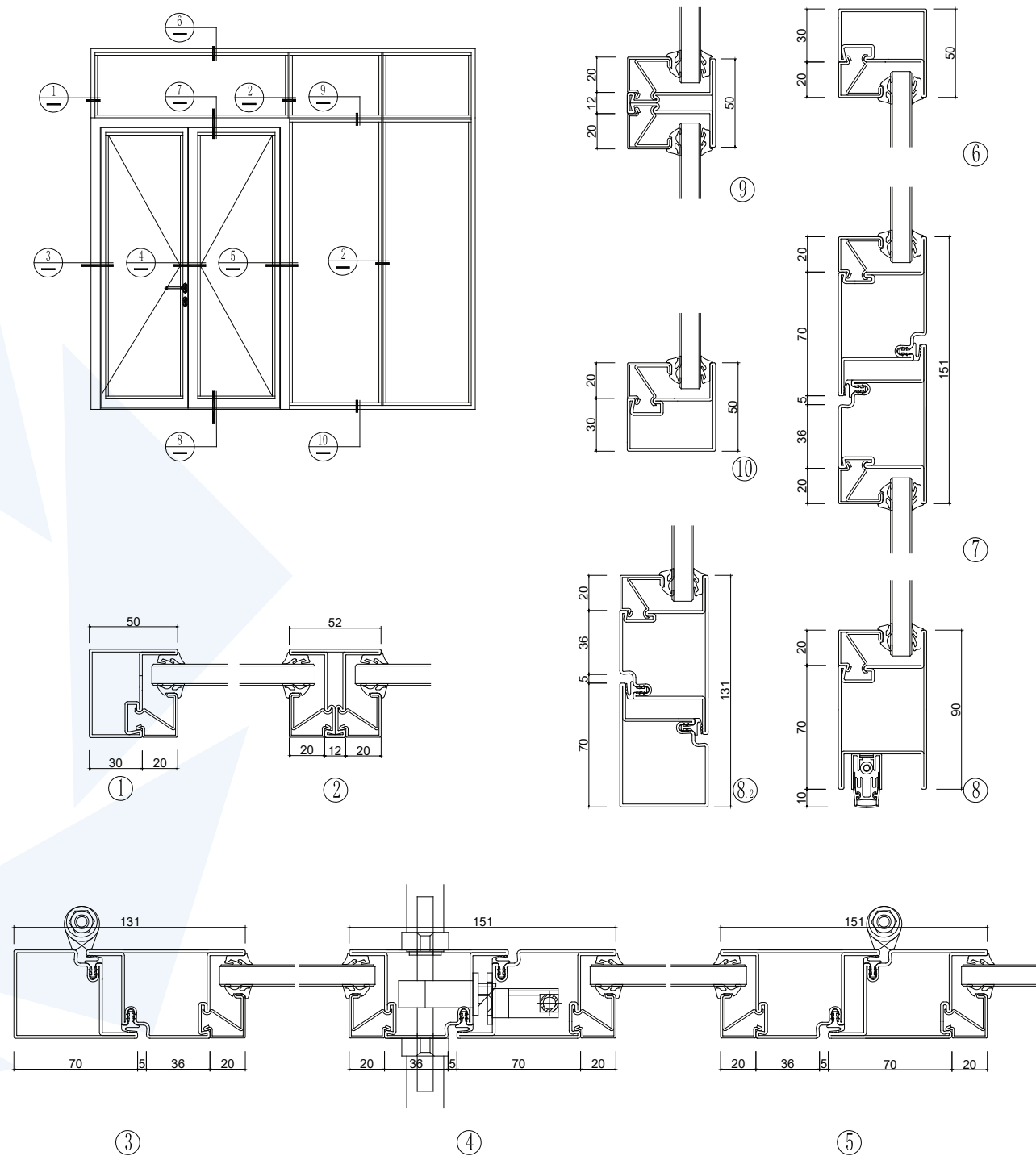


双开门顺位器

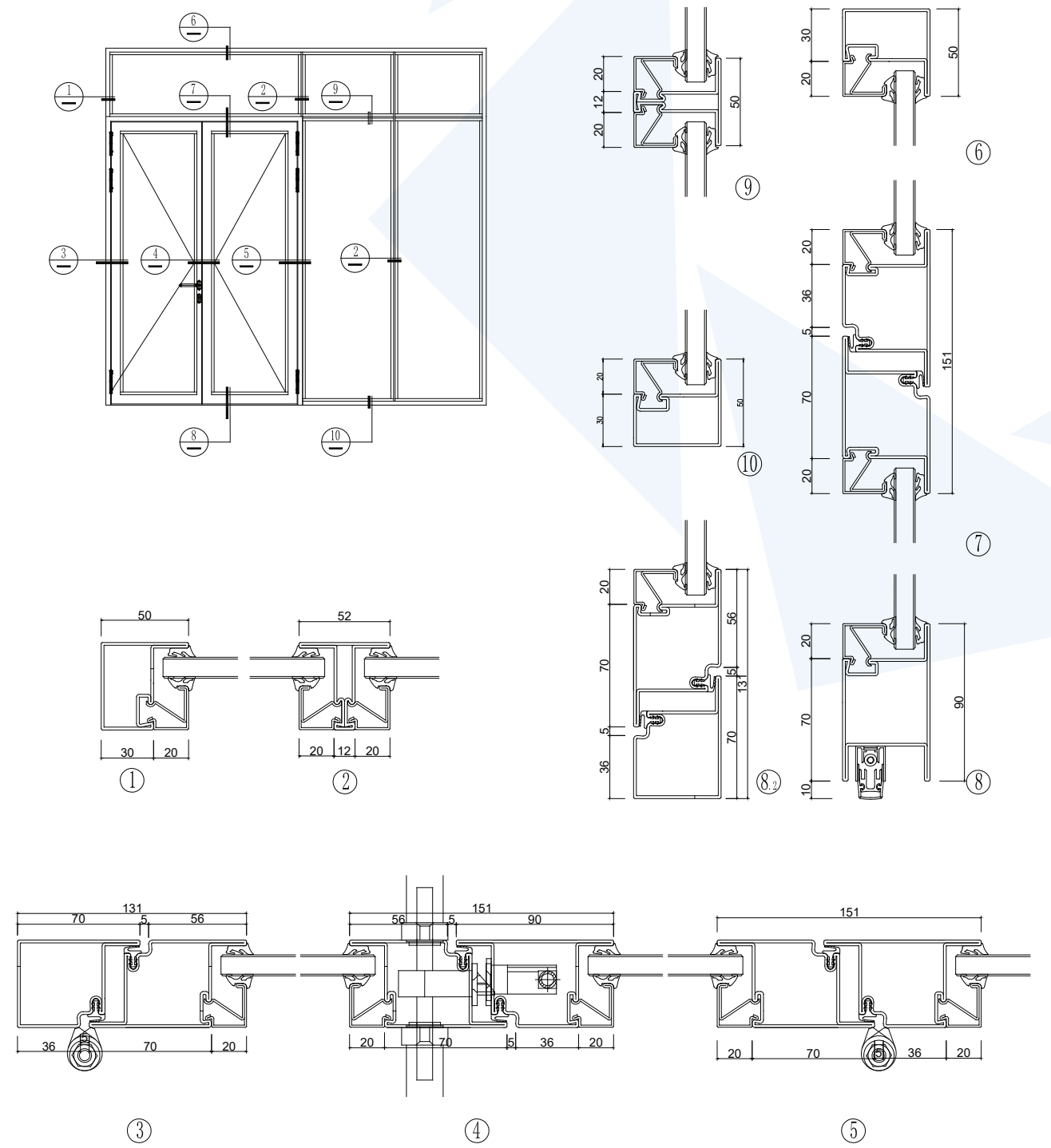
适用于双开门闭门器顺位功能

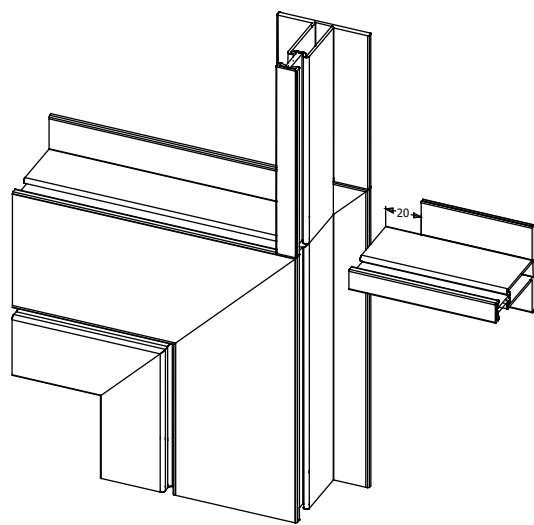


外开节点

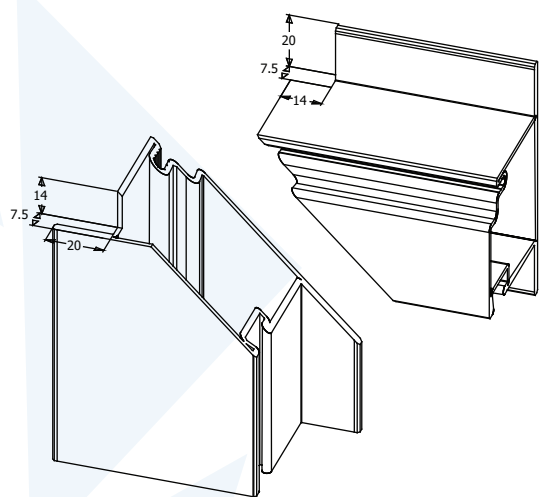
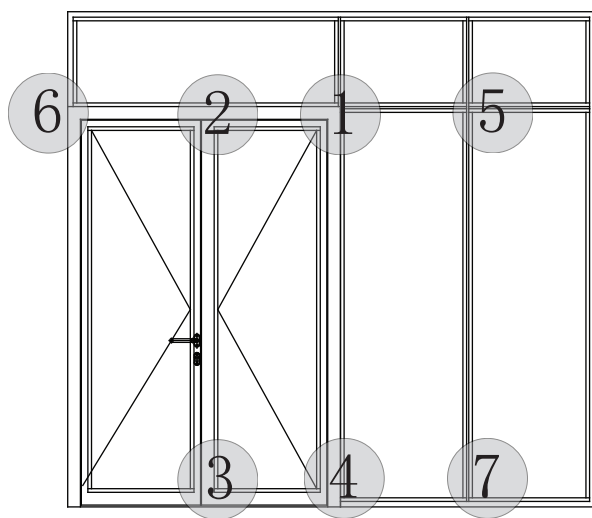


内开节点

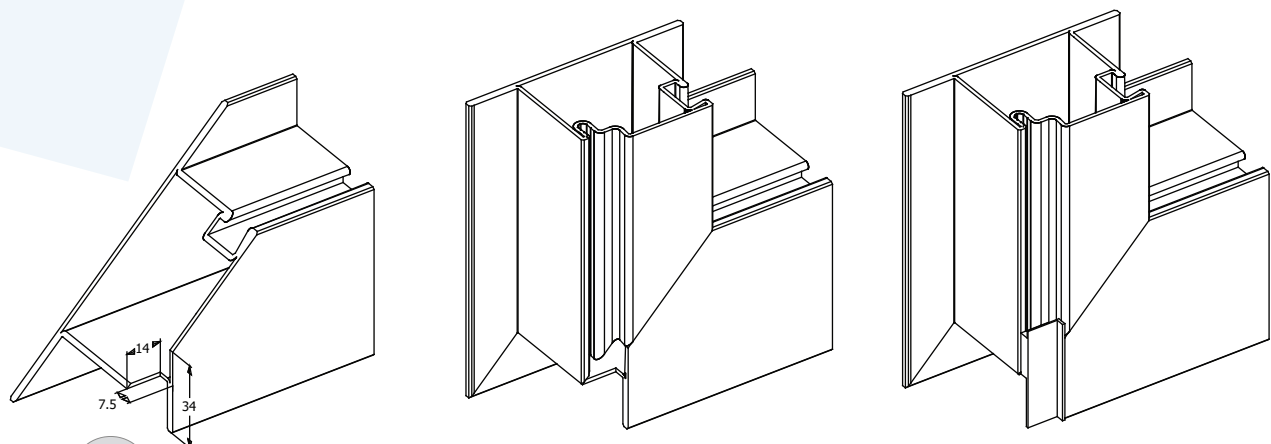
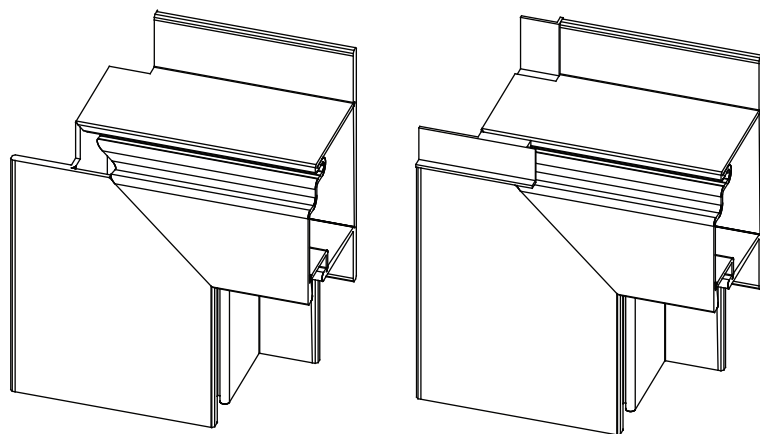




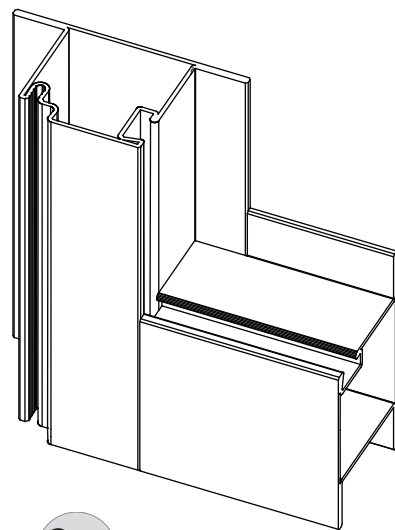
1 要求：门转向框45° 拼接，中庭90° 切角铣边20mm。
必须焊接拼角，不能采用连接件。



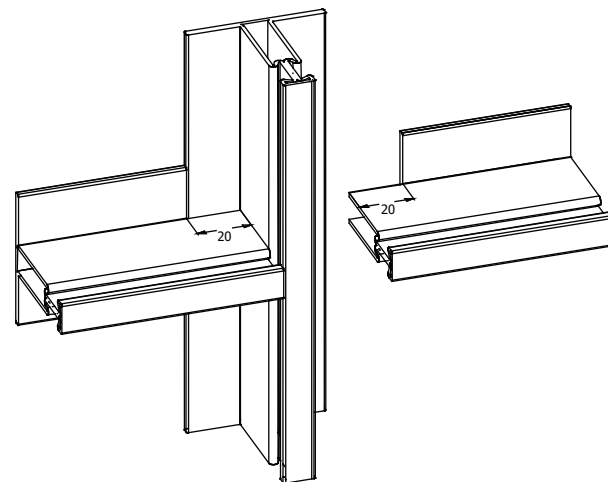
2 要求：门扇45° 切角，安图铣边拼接使用305. 311密封件完成组角。



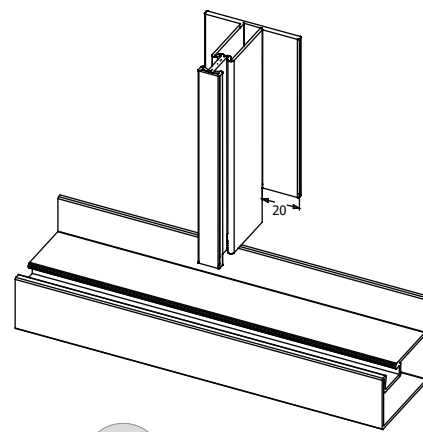
3 要求：门边扇与底扇45° 切角，底扇按图铣边。拼接后使用密封件305. 311完成组角。



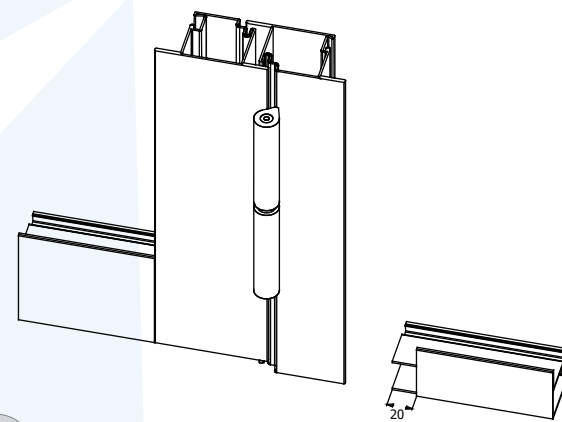
3.2 要求：底边扇90° 切角，端面铣边20mm



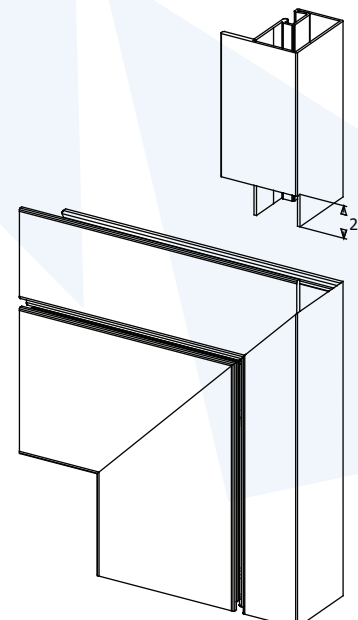
5 要求：横中庭90° 切角，端面铣边20mm



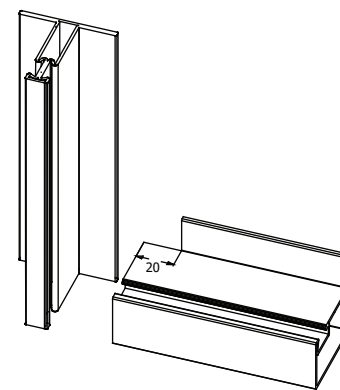
7 要求：竖中庭90° 切角，端面铣边20mm



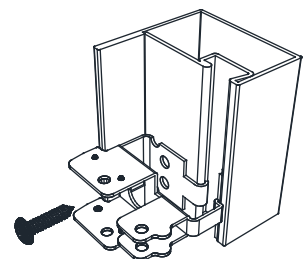
4 要求：固定框90° 切角后端面铣边20mm



6 要求：门转向框45° 切角，切除角部20mm
固定框90° 切角，端面铣边20mm
必须焊接拼角，不能采用连接件。



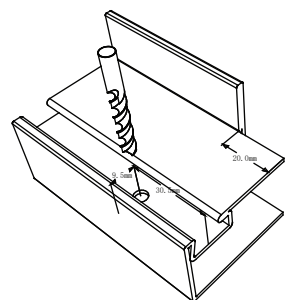
7.2 要求：横框90° 切角，端面铣边20mm



固定框链接工艺

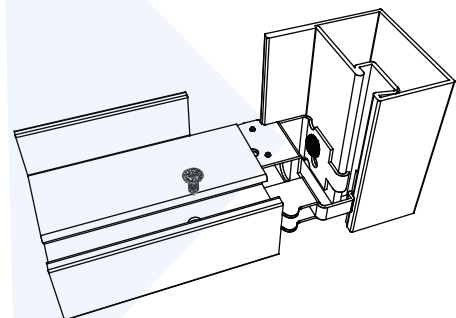
①竖框安装连接件

要求: 4.2*19盘头自攻螺丝链接。
连接件下口高于型材2.2mm



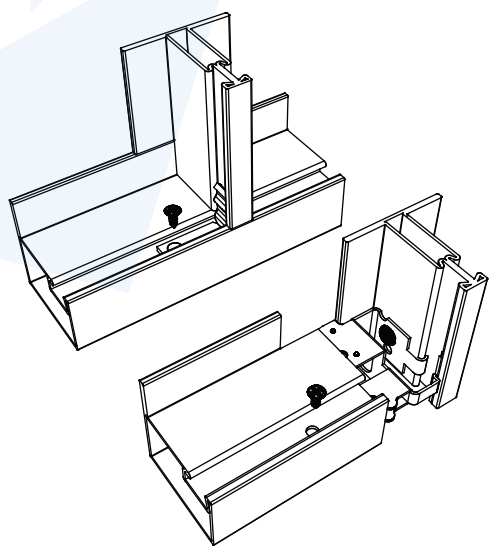
②横框铣边及开孔

要求: 横框外口铣边20mm。
内口距边30.5mm, 槽口居中开孔 $\phi 5.1\text{mm}$



③框连接

要求: 插接到位后, 采用4.2*19盘头自攻螺丝锁紧



中庭链接工艺

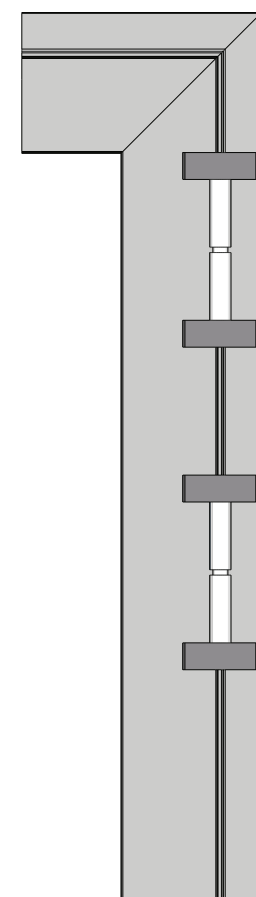
①专用连接件205.104

要求: 4.2*19盘头自攻螺丝链接。

②通用连接件205.101-205.103

要求: 与固定框采用相同开孔方案。

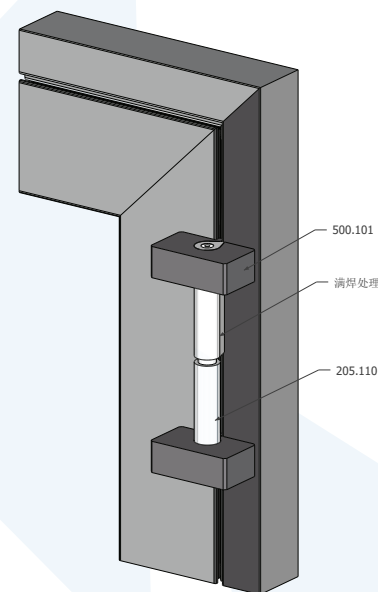
2D焊接合页装配



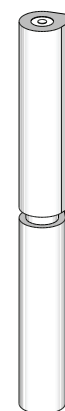
要求: 顶部合页
上口与门扇内口水平对齐

中间合页
与顶部合页中心距300mm

底部合页
底口与门扇内口对齐



要求: 先点焊后满焊, 防止变形。



$\pm 4.5\text{mm}$

