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IGCC®/IGMA® and IGMAC LIST of REVIEWED SPACERS and INTEGRATED SPACER SYSTEMS (ID-177)

Definitions

Integrated Spacer System: A pre-fabricated multi-component, multi-material and/or multi-function spacer system.

Spacer: A single-material spacer

The List of Reviewed Spacers and Integrated Spacer Systems (attached) shall be used to determine the generic class for a specific model of spacer or integrated spacer system. The generic class is then used to determine the eligibility for equivalency of one spacer or integrated spacer system to another. In order for a spacer or integrated spacer system to appear on this list and be eligible for equivalency within a generic class, for IGCC/IGMA, a passing ASTM E2190 test report*, a technical specification for the component, and if applicable a gas content (GCIA) test report utilizing the spacer or integrated spacer system must be submitted and reviewed by the Administrative Office. For IGMAC, a passing CAN/CGSB 12.8 test report and technical specification for the component must be submitted to the Administration Office. Any question by or discrepancy with the Administrative Office shall be forwarded to the IGCC®/IGMA® Guidelines and Equivalency Sub-Committee for review. *Test sample fabrication shall be by a certification program Licensee fabricator, or a component supplier under auditor witness. Testing shall be by an IGCC®/IGMA® Approved Independent Laboratory.

Any integrated spacer system or spacer product is eligible for new or initial prototype testing at any time.

Refer to Sections 13.1.2, 13.1.3, and 13.2.1 of the IGCC/IGMA Procedural Guide and guidelines G.7(c), G.8(b), G.10, and G.11(b) for IGMAC to determine equivalency of spacers and integrated spacer systems.

The listed supplier shall be the primary producer or the exclusive branding agent or distributor of the identified product. In order for an agent or distributor to be listed, there must be a unique identifier of the product.

Some spacer products serve multiple functions. When a spacer includes imbedded desiccant, the product will be included on the Reviewed Spacer List with an "IB" designation for Imbedded Desiccant.

This list nor the review of components and materials on this list **DOES NOT** take into consideration issues of material or component compatibility with other materials or components. Issues of compatibility shall be addressed through suppliers, internal quality assurance investigation, industry practices (visit www.igmaonline.org or www.glasswebsite.com) or other means. IGCC®/IGMA® does not endorse or guarantee satisfaction of any products listed.

Supplier	Trade Name (if any)	Generic Class Code	Generic Description	Reviewed Unit Fabrication Date	Specification on file	IGCC	IGMAC
Allmetal www.allmetalinc.com		AA	Anodized Aluminum	1/7/19	Yes	X	X
		MA	Mill Finished Aluminum	4/30/18	Yes	X	X
		SS	Stainless Steel	1/7/19	Yes	X	X
		ZS	Zinc Plated Steel	4/18/18	Yes	X	
		GS	Galvanized Steel		Yes		X
	Endur	SS	Stainless Steel	8/27/20	Yes	X	
	XLEdge	SS	Stainless Steel	8/27/20	Yes	X	
AluPro/ RollTech www.fenzi-na.com	AluPro	AA	Anodized Aluminum	12/6/18	Yes	X	X
	AluPro	MA	Mill Finish Aluminum	11/27/18	Yes	X	X
	Chromatech	SS	Stainless Steel	1/11/19	Yes	X	X
	Chromatech Plus	SS	Stainless Steel	1/11/19	Yes	X	
	Chromatech Ultra F	PHSS	Plastic Hybrid Stainless Steel	12/4/18	Yes	X	X
	Multitech	PHF	Plastic Hybrid Foil	4/28/17	Yes	X	
	Thermaledge	PHCS	Plastic Hybrid Chrome Steel		Yes		X
	Thermix TX.N	PHSS	Plastic Hybrid Stainless Steel	2/16/18	Yes	X	X
Azon www.azonintl.com	Warm-Light	PHA	Plastic Hybrid Aluminum	5/6/15	Yes	X	X
Beijing Huatai Yinhai		MA	Mill Finish Aluminum	2/1/24	Yes	X	
	Glassmatech	PHSS	Plastic Hybrid Stainless Steel	11/18/24	Yes	X	
	Fulltech	PHSS	Plastic Hybrid Stainless Steel	1/15/25	Yes	X	
Berlin Metals https://www.berlinmetals.com/		UT	Tin Plate Steel U-Channel	12/17/18	Yes	X	X

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		US	Stainless Steel U-Channel	1/3/19	Yes	X	X
Colonial Metals https://www.colonialmetalproducts.com/	Warmetal Stainless	US	Stainless Steel U-Channel	12/14/17	Yes	X	X
	Warmetal Tin	UT	Tin Plate Steel U-Channel	1/2/19	Yes	X	X
Fenzi www.fenzi-na.com	Butylver TPS	TP	Thermo-Plastic	1/17/19	Yes	X	
	Butylver TPS2020	RTP	Reactive Thermo-Plastic	4/15/21	Yes	X	
Glasslam www.glasslam.com	Air-Tight W/Worldspacer	FSSS	Foam Spacer Stainless Steel (IB)	12/27/16	Yes	X	
	EcoSpacer	FSF	Foam Spacer Metalized Foil (IB)	1/2/19	Yes	X	
Guangdong Kinlong	Chunguang	MA	Mill Finish Aluminum	2/24/2025	Yes	X	
	Chunguang	PHSS	Plastic Hybrid Stainless Steel	2/24/2025	Yes	X	
Guardian www.guardianglass.com	Guardian Spacer	DPHS	Plastic Hybrid Stainless Steel	10/19/17	Yes	X	
Helima www.helima.de/en	Nicrotec	SS	Stainless Steel	10/12/17	Yes	X	
	Nirotec EVO	SS	Stainless Steel	8/6/18	Yes	X	
		MA	Mill Finish Aluminum	9/22/17	Yes	X	
Hygrade Components www.hygrademetal.com		AA	Anodized Aluminum	4/24/18	Yes	X	
		PHCS	Plastic Hybrid Chrome Plated Steel	8/8/13	Yes	X	
		MA	Mill Finished Aluminum	9/21/14	Yes	X	
		GS	Galvanized Steel	7/17/12	Yes	X	
HB Fuller/Kommerling www.hbfuller.com	Kodimelt	TP	Thermoplastic Spacer/IB	7/15/14	Yes	X	X
	Kodispace 4SG	RTP	Reactive Thermoplastic Spacer/IB	12/4/18	Yes	X	X

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Incotec https://www.incotecprofiles.com/		MA	Mill Finished Aluminum	3/30/20	Yes	X	
Lakeside http://www.lakesidemetals.com/		UT	Tin Plate Steel	12/16/16	Yes	X	X
Leading Edge https://leadingeggedistribution.com/	EdgeStar	US	Stainless Steel U- Channel	12/4/18	Yes	X	X
	BlackLine	US	Stainless Steel U- Channel	11/28/18	Yes	X	X
	ThinStar	UT	Tin Plate Steel U- Channel	11/14/18	Yes	X	X
		AA	Anodized Aluminum	11/30/18	Yes	X	X
		MA	Mill Finish Aluminum	11/29/18	Yes	X	X
		SS	Stainless Steel	9/20/18	Yes	X	X
NAS	TPS2000R	RTP	Reactive Thermoplastic Spacer/IB	10/12/21	Yes	X	
Nedex www.nedexgroup.com	ALS Aluminum Spacer	MA	Mill Finish Aluminum	10/18/18	Yes	X	
	Nanobar	PHA	Plastic Hybrid Aluminum	6/3/16	Yes	X	
Panjin Truspacer Insulating Glass Material Co.	Truspacer	BCS	Butyl Composite/IB	9/20/19	Yes	X	
PDS IG Equipment www.pdsig.com	T17 Spacer	DPHS	Desiccated Plastic Hybrid Stainless Steel	12/14/21	Yes	X	X
Perfection Plastics	Worldspacer	FSSS	Foam Spacer Stainless Steel (IB)	12/27/16	Yes	X	
	EcoSpacer	FSF	Foam Spacer Metalized Foil (IB)	1/2/19	Yes	X	

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Profilglass www.leadingedge.com		MA	Mill Finish Aluminum	12/6/18	Yes	X	
		AA	Anodized Aluminum	10/15/18	Yes	X	
Quanex www.quanex.com	Super Spacer Premium	FSF	Foam Spacer Metalized Foil (IB)	12/10/18	Yes	X	X
	Super Spacer Premium Plus	FSF	Foam Spacer Metalized Foil (IB)	12/10/18	Yes	X	X
	Super Spacer T- Spacer Premium/ Premium Plus	FSF	Foam Spacer Metalized Foil (IB)	10/25/18	Yes	X	X
	Super Spacer T- Spacer SG	FSF	Foam Spacer Metalized Foil (IB)	2/16/22	Yes	X	
	Super Spacer TriSeal Premium/ Premium Plus	FSF	Foam Spacer Metalized Foil (IB)	10/24/18	Yes	X	X
	Super Spacer Standard	FSF	Foam Spacer Metalized Foil (IB)	1/2/19	Yes	X	X
	Super Spacer nXt	FSNF	Foam Spacer Non- Metalized Foil (IB)	1/22/15	Yes	X	X
	Duraseal	BCS	Butyl Composite/IB	12/17/18	Yes	X	X
	DecoSeal	BCS	Butyl Composite/IB	11/2/18	Yes	X	X
Ramapo (now Leading Edge) www.leadingedge.com		AA	Anodized Aluminum	11/30/18	Yes	X	X
		MA	Mill Finish Aluminum	11/29/18	Yes	X	X
		SS	Stainless Steel	9/20/18	Yes	X	X
RPM Rollformed Metal www.rpmroll.com		AA	Anodized Aluminum		Yes	X	X

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	Climatech	PHCS	Plastic Hybrid Chrome Plated Steel		Yes		X
Saudi Aluminum Spacer Factory www.sasf-ksa.com		MA	Mill Finish Aluminum	6/5/18	Yes	X	
Shanghai Regal www.regalspacer.com		AA	Anodized Aluminum	1/4/19	Yes	X	
		MA	Mill Finish Aluminum	11/11/18	Yes	X	
Shuang Qiang http://www.shuangguan.net	Savery DecoSpacer	BCS	Butyl Composite/IB	1/13/17	Yes	X	
Technoform www.technoform.com	SP12 (TGI Spacer)	PHSS	Plastic Hybrid Stainless Steel	1/3/19	Yes	X	X
	SP13 (TGI Spacer M)	PHSS	Plastic Hybrid Stainless Steel	3/6/18	Yes	X	X
	SP14 (TGI Spacer MW)	PHSS	Plastic Hybrid Stainless Steel	9/1/16	Yes	X	X
	SP16 (Precision)	PHF	Plastic Hybrid Foil	9/29/21	Yes	X	X
	SP25 (black side wall)	PHSS	Plastic Hybrid Stainless Steel	3/8/22	Yes	X	
Thermoseal www.thermoseal group.com	Thermoflex	FSF	Foam Spacer Metalized Foil (IB)	6/23/17	Yes	X	
Tremco www.tremco sealants.com	EnerEdge	FSF	Foam Spacer Metalized Foil (IB)	11/29/18	Yes	X	X
	EnerEDGE Pro- DS	FSF	Foam Spacer Metalized Foil (IB)	6/5/19	Yes	X	X
	EnerEDGE EPDM	FSF	Foam Spacer Metalized Foil (IB)	2/1/22	Yes	X	X
Vetrotech/ Saint Gobain www.swisspacer.com	Swisspacer Advance	PHNF	Plastic Hybrid Non-Metal Foil	10/19/23	Yes	X	X
	Swisspacer Ultimate	PHNF	Plastic Hybrid Non-Metal Foil	3/4/24	Yes	X	X
Zhuozhou Chunguang www.cglvtiao.com		AA	Anodized Aluminum	11/9/18	Yes	X	