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**IGCC®/IGMA® LIST of REVIEWED SPACERS and INTEGRATED SPACER SYSTEMS** (2/19/2019)

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 IGCC®/IGMA® 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, 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 spacer system must be submitted and reviewed by the IGCC®/IGMA® Administrative Office. Additionally, a technical specification describing the spacer or spacer system and its technical attributes must be on file. Any question by or discrepancy with the Administrative Office shall be forwarded to the IGCC®/IGMA® Appeals Committee for review. Whenever possible or unless some restriction exists (i.e. lack of fabrication equipment), test sample fabrication shall be by an IGCC®/IGMA® Licensee fabricator. 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.

Guideline applicable for determining equivalency of spacers and integrated spacer systems:

A.SS.2

A licensee may use a temporary alternate integrated spacer system on the IGCC®/IGMA® list of reviewed integrated spacer systems (most current version) in the same generic class by a) notifying the administrator of the change, b) having test specimens witnessed by the administrator’s representative at the next regular audit, and c) sending the test specimens to an IGCC®/IGMA® approved testing laboratory within four weeks of the test specimens’ fabrication date. The licensee may temporarily use the certification label on a provisional basis commencing with written notification of the administrator and end when test results are received by the administrator.

The following guidelines shall apply for determining and responding to acceptable change:

N.SP.1

A change in spacer material, i.e. aluminum to steel or any other material will require a different IGCC®/IGMA® number.

N.SP.2

A change in spacer surface finish, i.e. anodized to mill finish or hot dip to electro galvanized will require a different IGCC®/IGMA® number

A.SP.4

Any change in supplier of spacer from that tested, everything remaining the same shall permit the licensee to always certify the sealed insulating glass unit with the same IGCC/IGMA number.

**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.**

IB = Imbedded Desiccant

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](http://www.igmaonline.org) or [www.glasswebsite.com](http://www.glasswebsite.com)) or other means.

Supplier	Trade Name (if any)	Generic Class Code	Generic Description	Reviewed Unit Fabrication Date	Specification on file
<b>Allmetal</b>		AA	Anodized Aluminum	1/7/19	Yes
		MA	Mill Finished Aluminum	4/30/18	Yes
		SS	Stainless Steel	1/7/19	Yes
		ZS	Zinc Plated Steel	4/18/18	Yes
<b>AluPro/ RollTech</b>	AluPro	AA	Anodized Aluminum	12/6/18	Yes
	AluPro	MA	Mill Finish Aluminum	11/27/18	Yes
	Chromatech	SS	Stainless Steel	3/22/18	Yes
	Chromatech Plus	SS	Stainless Steel	1/11/19	Yes
	Chromatech Ultra	PHSS	Plastic Hybrid Stainless Steel	12/4/18	Yes
	Multitech	PHF	Plastic Hybrid Foil	4/28/17	Yes
<b>Azon</b>	Warm-Light	TBAA	Thermally Broken Anodized Aluminum	5/6/15	Yes
<b>Berlin Metals</b>		UT	Tin Plate Steel U-Channel	12/17/18	Yes
		US	Stainless Steel U-Channel	1/3/19	Yes
<b>Colonial Metals</b>	Warmetal Stainless	US	Stainless Steel U-Channel	12/14/17	Yes
	Warmetal Tin	UT	Tin Plate Steel U-Channel	1/2/19	Yes
<b>Ensinger</b>	Thermix TX.N	PHSS	Plastic Hybrid Stainless Steel	2/16/18	Yes
<b>Fenzi</b>	Butylver TPS	TP	Thermoplastic Spacer/IB	1/17/19	Yes
<b>Glasslam</b>	Air-Tight W/Worldspacer	FS	Polyurethane Foam Stainless Steel/IB	12/27/16	Yes
	EcoSpacer	FS	Polyurethane Foam/IB	1/2/19	Yes
<b>Guardian</b>	Guardian Spacer	PHSS	Plastic Hybrid Stainless Steel	10/19/17	Yes
<b>Helima</b>	Nicrotec	SS	Stainless Steel	10/12/17	Yes
	Nicrotec EVO	SS	Stainless Steel	8/6/18	Yes
		MA	Mill Finish Aluminum	9/22/17	Yes

<b>Hygrade Components</b>		AA	Anodized Aluminum	4/24/18	Yes
		TBCS	Thermally Broken Chrome Plated Steel	8/8/13	Yes
		MA	Mill Finished Aluminum	9/21/14	Yes
		GS	Galvanized Steel	7/17/12	Yes
<b>HB Fuller/Kommerling</b>	Koedispace 4SG	TP	Thermoplastic Spacer/IB	12/4/18	Yes
<b>Lakeside</b>		TS	Tin Plate Steel	12/16/16	Yes
<b>Leading Edge</b>	EdgeStar	US	Stainless Steel U-Channel	12/4/18	Yes
	BlackLine	US	Stainless Steel U-Channel	11/28/18	Yes
	ThinStar	UT	Tin Plate Steel U-Channel	11/14/18	Yes
<b>Nedex</b>	Profillex	MA	Mill Finish Aluminum	10/18/18	Yes
	Profillex Isoprofal	PHA	Plastic Hybrid Aluminum	6/3/16	Yes
<b>Perfection Plastics</b>	Worldspacer	FS	Polyurethane Foam Stainless Steel/IB	12/27/16	Yes
	EcoSpacer	FS	Polyurethane Foam/IB	1/2/19	Yes
<b>Profilglass</b>		MA	Mill Finish Aluminum	12/6/18	Yes
		AA	Anodized Aluminum	10/15/18	Yes
<b>Quanex</b>	Super Spacer Premium	FS	Silicone Based Foam/IB	12/10/18	Yes
	Super Spacer Premium Plus	FS	Silicone Based Foam/IB	12/10/18	Yes
	Super Spacer T-Spacer Premium/Premium Plus	FS	Silicone Based Foam pre-applied primary sealant/IB	10/25/18	Yes
	Super Spacer TriSeal Premium/ Premium Plus	FS	Silicone Based Foam pre-applied primary sealant/IB	10/24/18	Yes
	Super Spacer Standard	FS	EPDM Based Foam/IB	1/2/19	Yes
	Super Spacer nXt	FS	Thermoplastic Rubber Foam/IB	1/22/15	Yes
	Duraseal	BCS	Butyl Composite/IB	12/17/18	Yes
	DecoSeal	BCS	Butyl Composite/IB	11/2/18	Yes
	Duralite	BPS	Butyl Polycarbonate/IB	11/28/18	Yes
	Edgetherm FS	BFS	Butyl Flexible/IB	1/1/19	Yes
<b>Ramapo</b>		AA	Anodized Aluminum	11/30/18	Yes
		MA	Mill Finish Aluminum	11/29/18	Yes
		SS	Stainless Steel	9/20/18	Yes

<b>Saudi Aluminum Spacer Factory</b>		MA	Mill Finish Aluminum	6/5/18	Yes
<b>Shanghai Regal</b>		AA	Anodized Aluminum	1/4/19	Yes
		MA	Mill Finish Aluminum	11/11/18	Yes
<b>ShuangQiang</b>	Savergy DecoSpacer	BCS	Butyl Composite/IB	1/13/17	Yes
<b>Technoform</b>	TGI Spacer	PHSS	Plastic Hybrid Stainless Steel	1/3/19	Yes
	TGI Spacer M	PHSS	Plastic Hybrid Stainless Steel	3/6/18	Yes
	TGI Spacer MW	PHSS	Plastic Hybrid Stainless Steel	9/1/16	Yes
<b>Thermoseal</b>	Thermoflex	FS	Silicone Based Foam Spacer/IB	6/23/17	Yes
<b>Tremco</b>	EnerEdge	FS	Silicone Based Foam Spacer/IB	11/29/18	Yes
<b>Vetrotech/Saint Gobain</b>	Swisspacer	PHA	Plastic Hybrid Aluminum	2/6/17	Yes
	Swisspacer V	PHSS	Plastic Hybrid Stainless Steel	12/16/11	Yes
<b>Zhuozhou Chunguang</b>		AA	Anodized Aluminum	11/9/18	Yes