

Solid Surface Manufacturer's Warranty Chart*

	Affinity™	Avonite™	Corian™	Dovae™	EOS™	Formica™
Adhesives and Solvents						
Use manufactures glue only?	Yes	Yes	Yes	No	No	No
Purge new glue tube?	Yes	Yes	Yes	Yes	Yes	Yes
Clean seams with?	Denatured Alcohol	Denatured Alcohol	Denatured Alcohol	Denatured Alcohol	Denatured Alcohol	Denatured Alcohol
Liquid nails allowed?	No	No	No	No	No	No
Seams						
Seam distance from inside corner?	2"	2"	3 times the inside corner radius	2"	1"	1"
Seam over dishwasher/heat producing	No	No	Yes	Wood - Accepted	Not recommended	No
Seam in direct sunlight?	Yes	No	Yes		Yes, Interior Applications	Yes
Seam distance from any cutout?	3"	3"	Seam MAY BE placed in cutout if necessary	3"	Seam MAY BE placed in cutout if necessary	3"
Seam through cooktop cutout?	No	No	Yes	Yes - Braced	Not recommended	No
Seam through sink cutout?	No	No	Yes	Yes	Yes	No
Seam block required?	Yes	Yes	Yes	Yes	No	Yes
Seam block beveled edges required?	No	No	Yes	No	No	Yes
Seam block width required?	4"	4"	2"	2"	N/A	3" - 4"
Wavy seam allowed?	Yes	Yes	Yes	Yes	Yes	Yes
Hand sand seams before gluing? Grit?	Yes, 100 grit	Yes, 100 grit	No	Yes, 100 grit	Yes	Yes
Build Up Edges/Laminations						
Sand faces of laminations before gluing?	Yes, 100 grit	Yes 100 grit	No	Yes, 100 grit	N/A	Yes
Inside corner radius	1/2"	1"	1/2"	1/2"	1/2"	1/2"
Minimum length of inside corner block	2"	2"	6" x 6"	2"	N/A	4" x 4"
V-grooving allowed?	Yes	Yes	Yes	Yes	Yes	No
Minimum square inches of glue area on build up.	1"	1", or two vertical layers	1/2"	1"	N/A	1/2"
Cutouts						
Manufactures heat tape required, Layers	Yes, 1	Yes, 1	Yes, 1	Yes, 1	No, 1	2 Layers 4mil
Other brand heat tape allowed	Yes	No	Yes - (3M Brand)	Yes	Yes, 3M is recommended	Yes
Router cut required on curved and cutout cuts	Yes	Yes	Yes	Yes	Yes	Yes
Minimum radius on cutout corner radius	1/4"	1/4"	3/16" radius	1/4"	1/4"	1/2"
Cooktop corner blocks required? Size?	Yes, 4", No	Yes, 4", No	Yes, 6" x 6", Yes	Yes, 4" x 4", Yes	N/A	Yes, 3" x 3", Yes
Bevel edges?	Yes, 4", No	Yes, 4", No	Yes, 6" x 6", Yes	Yes, 4" x 4", Yes	N/A	Yes, 3" x 3", Yes
Support at Cutout	Within 3" No closer than 1" from edge of cutout	N/A	Within 3", no closer than 1" from edge of cutout	N/A	Within 6", no closer than 1" from edge of cutout	N/A
High strength cutouts on cooktop corners?	Yes	No	Yes	No	N/A	No
Bevel or round over cutout edges?	Yes	No	Yes - 1/16" min. radius	Yes	Yes	Yes
Sand cutout edges?	Yes	No	Yes	Yes	Yes	Yes
Sand back edges of countertop behind cutout?	Yes	No	Yes - 1/16" min. radius	No	Yes	No
Substrate						
Expansion space between substrate and whatever	1/8"	1/8"	1/16"	1/8"	N/A	1/8"
Solid substrate allowed?	No	No	No	No	No	No
Substrate required?	Yes	Yes	No	Yes	No	Yes
Substrate width, spacing and thickness	2", 18" Space	4", 18 to 24" spacing, .75	Full Perimeter	2", 18" Space	N/A	2 1/2" - 3", 18" or less 3/4"
Glue schedule for substrate	Hot Glue or Silicone	Hot Glue or Silicone	Dab of silicone no less than 12" apart	Hot Glue or Silicone	N/A	Silicone
Substrate under seam blocks?	Yes	Yes	Yes	Yes	N/A	N/A
Overhang and Support						
Cabinet level specs	1/8" over 10 feet	3/32" in 48"	1/8" over 10 feet	1/8" over 10'	1/8" over 10'	1/8"
Maximum overhang for 1/2" thickness without support	6"	6"	6"	6"	12"	6"
Max overhang with substrate and blocking	18"	18"	18" (see fabrication manual for options)	18"	EOS requires no substrate/call rep	18"
Backsplash						
Silicone tile/countertop seam? Grout allowed?	Yes, No Grout Allowed	Yes, No Grout Allowed	No	Yes	Yes, No grout	Yes, No Grout Allowed
Minimum distance between 4" tall backsplash and cooktop	N/A	2"	N/A	2 1/2"	N/A	N/A
Min distance between Full height backsplash and cooktop	N/A	2 1/2"	N/A	2 1/2"	N/A	N/A
Gluing schedule for wall/backsplash	Silicone	Clear silicone, 8-10" apart	Silicone	Silicone	Silicone or Neoprene based adhesive	Silicone
Miscellaneous						
Different specs for commercial hotwells?	Yes	Yes	Yes	Yes	No	Yes
Maximum hp disposal allowed?	.75 hp	.75 hp	N/A	1 hp	1 hp	
Sq ft of warrantee scrap required	Sink Cutout	2 sq ft	1 sq. ft	Sink Cutout	1 sq. ft	Cooktop or Sink Cutout
Expansion space required per 10 of run	1/8"	1/8"	1/16" gap at walls	1/8"	1/16" at walls	1/8"
Mechanical Fasteners allowed?	Brass Inserts	Brass Inserts	Brass Inserts	Brass Inserts	Brass Inserts, Roto-Loc	Brass Inserts

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Solid Surface Manufacturer's Warranty Chart*

	HI-MACS	LivingStone™	Meganite™	Staron™	Wilsonart™
Adhesives and Solvents					
Use manufactures glue only?	Yes	No	No	No	Yes
Purge new glue tube?	Yes	Yes	yes	Yes	Yes
Clean seams with?	Denatured Alcohol	Denatured Alcohol	Denatured Alcohol	Denatured Alcohol	Denatured Alcohol
Liquid nails allowed?	No	No	No	No	No
Seams					
Seam distance from inside corner?	3"	2"	1"	1"	1" for standard offset, No offset req. for PT seam
Seam over dishwasher/heat producing appliance allowed?	Yes	Yes (Proper Support)	No	Plywood - Accepted (Notch for seam plate)	No
Seam in direct sunlight?	Yes	Not Recommended	Yes	Not Recommended	Yes
Seam distance from any cutout?	3"	3"	3"	3"	3"
Seam through cooktop cutout?	Yes	No	No	No	No
Seam through sink cutout?	Yes	No	Yes	No	Yes
Seam block required?	Yes	Yes	Yes	Yes	Yes
Seam block beveled edges required?	No	Yes	No	Yes	Yes
Seam block width required?	4"	4"	4"	4"	4"
Wavy seam allowed?	Yes	Yes	Yes	Yes	Yes
Hand sand seams before gluing? Grit?	Recommended	Yes (not required)	Yes, 80 grit	Yes, 150 Grit	No
Build Up Edges/Laminations					
Sand faces of laminations before gluing?	No (Recommended)	No (not required)	As needed	Yes	Scuff only if glossy
Inside corner radius	1"	1/2" or more	1/2"	1/2" or more	1/2"
Minimum length of inside corner block	4x4	6" x 6"	3" X 3"	6" x 6"	3" X 3"
V-grooving allowed?	Yes	Yes	No	Yes	Yes
Minimum square inches of glue area on build up.	1"	1" or 2 layers vertically	1/2"	1" min., 2" Rec. and two layers	1/2"
Cutouts					
Manufactures heat tape required, Layers	2 Layers, 4mil	Yes	Yes, 2	1 Layer 4 mil 2" wide	Yes, 1
Other brand heat tape allowed	Yes	Yes	Yes, (3M Brand)	Yes	No
Router cut required on curved and cutout cuts	Yes	Yes	Yes	Yes	Yes
Minimum radius on cutout corner radius	1"	1/4"	1/2"	3/16"	1/4"
Cooktop corner blocks required? Size? Bevel edges?	Yes, 4x4, Yes	Yes, 6" x 6", Yes	Yes, 4", Yes	Yes, 4" x 4", Yes	Yes, 5" x 5", Yes
Support at Cutout	Within 3", no closer than 1" from edge of cutout	Support must be no closer than 1" and no farther than 3" from the edge of the cutout	Within 3", no closer than 1" from edge of cutout	N/A	Within 3", no closer than 1" from edge of cutout
High strength cutouts on cooktop corners?	Yes	Yes	No	Yes	No
Bevel or round over cutout edges?	Yes	Yes - 1/16" min. radius	Yes	Yes	Yes - 1/16" min. radius
Sand cutout edges?	Yes	Yes	Yes	Yes	Yes
Sand back edges of countertop behind cutout?	No	Yes -1/16" min. radius	Yes	No	Yes - 1/16" min. radius
Substrate					
Expansion space between substrate and whatever	1/8"	1/8"	1/8"	1/8"	1/8"
Solid substrate allowed?	Yes	No	No	No	No
Substrate required?	Yes	No	Yes	Yes	No
Substrate width, spacing and thickness	Full Perimeter	Full Perimeter Support	Full Perimeter	Full Perimeter	Full Perimeter
Glue schedule for substrate	Silicone	Dab of Silicone no less than 12" apart	3/4" dabs Silicone every 12"-18"	Dimed sized clear silicone every 12" to 18"	Dab of silicone spaced every 12 o 18"
Substrate under seam blocks?	Yes	Yes	Yes	Yes	Yes
Overhang and Support					
Cabinet level specs	1/8" over 10'	1/8" over 10'	1/8" over 10'	1/8" or Less	1/8" over 10 feet
Maximum overhang for 1/2" thickness without support	6"	6"	6"	6"	6"
Max overhang with substrate and blocking	18"	15" (See Fabrication Manual for Options)	18"	15"	18" (see fabrication manual for options)
Backsplash					
Silicone tile/countertop seam? Grout allowed?	No	No	Yes, No Grout Allowed	Yes	No
Minimum distance between 4" tall backsplash and cooktop	N/A	N/A	N/A	N/A	N/A
Min distance between Full height backsplash and cooktop	N/A	N/A	N/A	N/A	N/A
Gluing schedule for wall/backsplash	Silicone	Silicone	Silicone	Silicone	Silicone
Miscellaneous					
Different specs for commercial hotwells?	Yes	Yes	Yes	Yes	Yes
Maximum hp disposal allowed?		N/A	N/A	.75hp or less	N/A
Sq ft of warrantee scrap required	1 sq. ft.	1 sq. ft.	Sink Cutout	2 sq'	All Cutouts
Expansion space required per 10 of run	1/8"	1/8"	1/8"	1/8"	1/8"
Mechanical Fasteners allowed?	Brass Inserts	Yes (only with approved inserts)	No	Brass Inserts	Brass Inserts

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