

COVERAGE TABLES

S-40 Primer (Asphaltum)

Sq. Ft./Gallon 50

S-41 Corrosion Resistant Membrane

Sq. Ft./150-Lb. 100 (0.67 sq. ft. per lb.)
 1.5 lbs. per sq. ft. at 1/4" thickness
 2.25 lbs. per sq. ft. of 3/8" thickness

S-45 Textile Glass Cloth

50 Sq. yard per roll

S-48 Expansion Joint Sealant

Coverage - Lineal Feet Per Unit

Joint Depth	Joint Width	
	1/4"	3/8"
1/4"	238	—
3/8"	158	105
1/2"	118	79
3/4"	79	52
1"	59	39
1 1/2"	39	26

S-300 Epoxy Adhesive for Setting

5/32" v-notch trowel
 1/4" x 1/4" sq. notch trowel

1 Gallon Unit
 40 - 60 sq. ft.
 18 sq. ft.

S-400 (AARII-HT Setting & Grouting Epoxy), S-500 Standard, S-600, S-4500 and S-5000

S-400: 1/4" x 1/4" sq. notch trowel – **Coverage** - 1 gallon unit - 18-20 sq. ft.
 1/4" x 3/8" sq. notch trowel – **Coverage** - 1 gallon unit - 12-15 sq. ft.

S-400 EZ Flow Setting: 1/8" v-notch trowel – **Coverage** - 1 gallon unit - 40-60 sq. ft.

S-500 Setting: 1/4" x 1/4" sq. notch trowel – **Coverage** - 1 gallon unit - 18-20 sq. ft.
 1/4" x 3/8" sq. notch trowel – **Coverage** - 1 gallon unit - 12-15 sq. ft.

Grouting Coverage - Sq. Ft./Gal.:

Grout Coverage: Epoxies

***S-400, S-500, S-600, S-4500, S-5000**
Joint Width

Tile Size	1/8"	1/4"	3/8"	1/2"	Tile Size	1/8"	1/4"	3/8"	1/2"
1" x 1" x 1/4"	28	14	8.75	7	6" x 6" x 3/4"	56	28	17.5	14
2" x 2" x 1/4"	56	28	17.5	14	6" x 9" x 3/4"	69	34.5	21.6	17
3" x 3" x 1/4"	84	42	26.3	21	6" x 12" x 5/16"	190	95	59.4	45
4" x 4" x 1/4"	112	56	35	28	6" x 12" x 3/8"	158	79	49.4	37
4" x 4" x 3/8"	75	37.5	23.4	21	8" x 8" x 5/16"	179	89.5	55.9	45
4" x 4" x 1/2"	56	28	17.5	14	8" x 8" x 3/8"	149	74.5	46.8	37
4" x 8" x 5/16"	127	63	41	32	8" x 8" x 1/2"	112	56	35	28
4" x 8" x 1/2"	79	40	25	20	8" x 8" x 1"	56	28	21	14
4" x 8" x 3/4"	53	27	20	13	10" x 10" x 5/16"	224	112	70	56
4" x 8" x 1"	40	20	15	10	12" x 12" x 5/16"	269	134	84.1	67
4" x 8" x 1 1/16"	33	17	12	8	12" x 12" x 3/8"	224	112	70	56
4" x 8" x 1 3/8"	29	15	11	7	12" x 12" x 1/2"	168	84	52.5	42
4" x 8" x 1 1/2"	26	13	10	7	12" x 18" x 5/16"	329	165	103	77
4" x 8" x 2 1/4"	18	9	7	5	12" x 18" x 3/8"	274	137	85.6	65
4" x 12" x 1/2"	97	48.5	30.3	24	12" x 24" x 5/16"	395	194	119	85
5" x 10" x 3/4"	66	33	25	17	13" x 13" x 5/16"	291	146	90.9	68
5" x 10" x 1 1/2"	33	17	12.5	8	16" x 16" x 3/8"	299	150	93.4	70
6" x 6" x 1/4"	168	84	52.5	42	18" x 18" x 5/16"	430	215	130	90
6" x 6" x 3/8"	112	56	35	28	24" x 24" x 5/16"	675	340	170	136
6" x 6" x 1/2"	84	42	31.5	21					

*Epoxy coverage is in sq. ft. per gallon. S-600 requires 25 lbs. of S-700 per 3 gallon unit.

S-500WC Epoxy Joint Filler

Coverage - Sq. Ft./Gal.

Grout Coverage: Wall Tile

Tile Size	*S-500 WC Joint Width		
	1/16"	1/8"	1/4"
1" x 1" x 1/4"	54	27	13.5
2" x 2" x 1/4"	108	54	27
3" x 3" x 1/4"	162	81	40.5
4" x 4" x 1/4"	216	108	54
4 1/4" x 4 1/4" x 5/16"	154	77	38.5
6" x 6" x 1/4"	324	162	81
6" x 8" x 1/4"	374	187	93.5
6" x 8" x 3/8"	250	125	62.5
8" x 8" x 1/4"	432	216	108
8" x 10" x 1/4"	482	241	120.5
8" x 10" x 3/8"	322	161	80.5
8" x 12" x 1/4"	530	265	132.5
10" x 12" x 1/4"	592	296	148
10" x 12" x 3/8"	394	197	98.5
12" x 12" x 3/8"	432	216	108
12" x 12" x 1/2"	324	162	81
16" x 16" x 3/8"	576	288	144
16" x 16" x 1/2"	432	216	108

*S-500 WC coverage is in sq. ft. per gallon. S-500 WC requires 1 bag Part C for 1 1/2 gallon unit, 2 bags Part C for 3 gallon unit.

S-667 & S-687 Unsanded Joint Fillers

Coverage - Sq. Ft./Lb.

Grout Coverage: Wall Tile

*S-667 / S-687

*S-667 / S-687 coverage is in sq. ft. per lb. of grout powder.

Tile Size	Joint Width		Tile Size	Joint Width	
	1/16"	1/8"		1/16"	1/8"
1" x 1" x 1/4"	4.8	2.4	6" x 6" x 1/4"	28.8	14.4
2" x 2" x 1/4"	9.6	4.8	6" x 6" x 3/8"	19.2	9.6
2" x 4" x 1/4"	13.6	6.8	6" x 6" x 1/2"	14.4	7.2
3" x 3" x 1/4"	14.4	7.2	6" x 6" x 3/4"	9.6	4.8
3" x 6" x 1/4"	20.4	10.2	6" x 9" x 1/4"	11.8	5.9
3" x 6" x 1/2"	10.2	5.1	8" x 8" x 5/16"	30.8	15.4
4 1/4" x 4 1/4" x 5/16"	16.0	8.2	8" x 8" x 3/8"	25.6	12.8
4" x 4" x 1/4"	19.2	9.6	8" x 8" x 1/2"	19.2	9.6
4" x 4" x 1/2"	9.6	4.8	8" x 8" x 1"	9.6	4.8
4" x 8" x 1/4"	27.2	13.6	9" x 9" x 3/4"	14.4	7.2
4" x 8" x 5/16"	21.8	10.9	10" x 10" x 5/16"	38.4	19.2
4" x 8" x 1/2"	13.6	6.8	10" x 10" x 3/8"	32.0	16.0
4" x 8" x 1"	6.8	3.4	12" x 12" x 5/16"	46.0	23.0
4" x 8" x 1 1/16"	5.8	2.9	12" x 12" x 3/8"	38.4	19.2
4" x 8" x 1 3/8"	5.0	2.5	12" x 12" x 1/2"	28.8	14.4
4" x 8" x 1 1/2"	4.6	2.3	16" x 16" x 3/8"	51.2	25.6
4" x 8" x 2 1/4"	3.0	1.5	16" x 16" x 1/2"	38.4	19.2
5" x 5" x 1/4"	24.0	12.0			

S-700 & S-710 Sanded Joint Fillers

Coverage - Sq. Ft./Lb.

Grout Coverage: Floor Tile

Tile Size	*S-700 / S-120 Joint Width				**S-600 / S-700 Joint Width		
	1/8"	1/4"	3/8"	1/2"	1/8"	1/4"	3/8"
1" x 1" x 1/4"	1.7	0.9	0.5	0.4	28	14	8.75
2" x 2" x 1/4"	3.4	1.7	1.1	0.9	56	28	17.5
3" x 3" x 1/4"	5.1	2.6	1.6	1.3	84	42	26.3
4" x 4" x 1/4"	6.8	3.4	2.1	1.7	112	56	35
4" x 4" x 3/8"	4.5	2.3	1.4	1.1	75	37.5	23.4
4" x 4" x 1/2"	3.4	1.7	1.1	0.9	56	28	17.5
4" x 8 x 1/2"	2.8	1.4	0.9	0.7			
4" x 8 x 1"	1.4	0.7	0.45	0.3			
4" x 8 x 1 3/16"	1.22	0.61	0.39	0.26			
4" x 8 x 1 1/4"	1.05	0.52	0.33	0.225			
4" x 8 x 1 3/8"	0.87	0.43	0.27	0.19			
4" x 8 x 1 1/2"	0.7	0.35	0.22	0.15			
4" x 12" x 1/2"	5.9	3.0	1.8	1.5	97	48.5	30.3
6" x 6" x 1/4"	10.2	5.1	3.2	2.6	168	84	52.5
6" x 6" x 3/8"	6.8	3.4	2.1	1.7	112	56	35
6" x 6" x 1/2"	5.1	2.6	1.6	1.3	84	42	26.3
6" x 6" x 3/4"	3.4	1.7	1.1	0.9	56	28	17.5
6" x 9" x 3/4"	4.2	2.1	1.3	1.1	69	34.5	21.6
6" x 12" x 5/16"	11.5	5.8	3.6	2.9	190	95	59.4
6" x 12" x 3/8"	9.6	4.8	3.0	2.4	158	79	49.4
8" x 8" x 5/16"	10.9	5.5	3.4	2.7	179	89.5	55.9
8" x 8" x 3/8"	9.1	4.6	2.8	2.3	149	74.5	46.8
8" x 8" x 1/2"	6.8	3.4	2.1	1.7	112	56	35
10" x 10" x 5/16"	13.6	6.8	4.3	3.4	224	112	70
12" x 12" x 5/16"	16.3	8.2	5.1	4.1	269	135	84.1
12" x 12" x 3/8"	13.6	6.8	4.3	3.4	224	112	70
12" x 12" x 1/2"	10.2	5.1	3.2	2.6	168	84	52.5
12" x 18" x 5/16"	20.0	10.0	6.3	5.0	329	165	103
12" x 18" x 3/8"	16.7	8.4	5.2	4.2	274	137	85.6
13" x 13" x 5/16"	17.7	8.9	5.5	4.4	291	146	90.9
16" x 16" x 3/8"	18.1	9.1	5.7	4.5	299	150	93.4
18" x 18" x 5/16"	32.9	16.5	10	6.9	430	215	130
24" x 24" x 5/16"	52	26	13	10.4	675	340	170

*S-700 coverage is in sq. ft. per lb. of grout powder.

**S-600 / S-700 coverage is in sq. ft. per gallon. S-600 requires 25 lbs. of S-700 per 3 gallon unit.

S-777, S-1000, S-1100, S-1300 S-2000 Thin Set Mortars

Setting - 3/32" to 1/8" bed thickness

Sq. Ft./Lb. - 2.0 - 2.5

S-1200 Medium Bed Mortar

Coverage - 25-28 sq. ft. per 50lbs. with 1/2" radius medium bed trowel

S-775 Grouting Acrylic Latex Additive/S-776 Quick Set Grout and Mortar Additive

Coverage - same as base grout and mortar

Mixing Ratio - 1-1/2 - 2 gal. per 50-lb. bag of grout mortar

S-800 Setting Acrylic Latex Additive

Coverage - same as S-759 or S-777 coverage

Mixing Ratio - 1-1/2 - 2 gal. per 50-lb. bag
S-759 or S-777**S-810 Flexible Mortar System**

Coverage - same as S-759 or S-777 coverage

Mixing Ratio - 1-1/2 - 2 gal. per 50-lb. bag
S-759 or S-777.**S-888 Self-Leveling Underlayment Primer**

Coverage - 1 gallon mixed with 1 gallon clean water covers: 400-600 sq. ft.

S-2200 Self-Leveling Underlayment

Coverage - one 50-lb. bag: approximately 80 sq. ft. @ 1/8" bed thickness

S-4000 Series Furan Chemical-Resistant Grouts

NOTE: S-4000A Liquid Resin must be mixed with S-4002B 100% Carbon Filler/Catalyst.

COVERAGE CHART FOR S-4000

Material Required per 1,000 square feet of tile. Use S-400, S-500, S-4500 or S-5000 as setting bed.

Method I Tile Setters				Method II Bricklayers (Buttering Brick)			
Tile Size	Joint Width	S-4000A	S-4002B	Tile Size	Joint Width	S-4000A	S-4002B
		Lbs. of Resin	Lbs. of Powder			Lbs. of Resin	Lbs. of Powder
4" x 8" x 1/2"	1/4"	129	232	4" x 8" x 1"	1/8"	119	229
4" x 8" x 3/4"	1/4"	194	349	4" x 8" x 1 ³ / ₁₆ "	1/8"	142	282
4" x 8" x 1"	1/4"	258	464	4" x 8" x 1 ³ / ₈ "	1/8"	164	327
4" x 8" x 1 ³ / ₁₆ "	1/4"	303	545	4" x 8" x 1 ¹ / ₂ "	1/8"	179	358
4" x 8" x 1 ³ / ₈ "	1/4"	351	632	4" x 8" x 2 ¹ / ₄ "	1/8"	269	538
4" x 8" x 1 ¹ / ₂ "	1/4"	373	671	5" x 10" x 1 ¹ / ₂ "	1/8"	115	230
4" x 8" x 2 ¹ / ₄ "	1/4"	580	1044				
4" x 12" x 1/2"	1/4"	132	238				
6" x 6" x 1/2"	1/4"	99	178				
6" x 6" x 3/4"	1/4"	149	268				
6" x 9" x 3/4"	1/4"	99	178				
5" x 10" x 3/4"	1/4"	90	162				
5" x 10" x 1 ¹ / ₂ "	1/4"	180	324				
8" x 8" x 3/8"	1/4"	49	88				
8" x 8" x 1/2"	1/4"	65	117				
8" x 8" x 1"	1/4"	129	232				

The above coverage is only approximate value, actual coverage will depend on setting method used and cannot be guaranteed by Summitville Tiles, Inc.

S-4500 Fura-Set Mortar System

Coverage - 1/4" x 1/4" sq. notch trowel - 1 gallon covers 18 sq. ft.

1/4" x 3/8" sq. notch trowel - Coverage - 1 gallon unit - 12-15 sq. ft.

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