

CEG-IG™

Industrial Grade 100% Solids Epoxy Grout

CUSTOM's Breakthrough In High Performance Epoxy Grouts



- Formulated to stand up to the harshest environments including commercial kitchens and food processing facilities
- Exceeds performance characteristics of ANSI A118.3
- Resistant to thermal shock
- High stain resistance
- Fast curing
- Contains recycled LEED® contributing materials



CUSTOM®

TILE INSTALLATION SYSTEMS

CEG-IG™ Offers Easy Workability

- Smooth, easy spread formula
- Non-sag properties allow for wall application
- Packs tightly to provide full joints
- No shrinkage
- Water cleanable
- Fast return to service – 7 hour cure time at 75°F (23°C)



FULL JOINTS:
Lightweight formula
packs tightly.



NON-SAG:
Grout stays
where you put it.



EASY CLEAN-UP:
Cleans easily
and quickly.

CEG Color Palette

Patent Pending System

CEG-IG and CEG-Lite use the same Part A — 40 Colors Available

- #381 Bright White
- #11 Snow White
- #10 Antique White
- #333 Alabaster
- #382 Bone
- #122 Linen
- #101 Quartz
- #172 Urban Putty

- #380 Haystack
- #180 Sandstone
- #135 Mushroom
- #145 Light Smoke
- #186 Khaki
- #156 Fawn
- #22 Sahara Tan
- #45 Summer Wheat

- #105 Earth
- #50 Nutmeg
- NEW** #541 Walnut
- #183 Chateau
- #185 New Taupe
- #59 Saddle Brown
- #52 Tobacco Brown
- #95 Sable Brown

- NEW** #540 Truffle
- NEW** #548 Surf Green
- NEW** #547 Ice Blue
- #115 Platinum
- NEW** #544 Rolling Fog
- NEW** #545 Bleached Wood
- #386 Oyster Gray
- NEW** #546 Cape Gray

- #165 Delorean Gray
- NEW** #543 Driftwood
- NEW** #542 Graystone
- #09 Natural Gray
- #335 Winter Gray
- #19 Pewter
- #370 Dove Gray
- #60 Charcoal

Sample colors shown generally approximate the color of the grout. Final installed color may vary.
Please use our color card or grout kit for more accurate color representation.



CEG-IG™



2 Part A + 1 Part B (1 UNIT)

	ITEM CODE	SIZE	PACKAGE
PART A (color)	LWCEGXXXA-EA	1.3 Lbs. (.58 kg)	Tub
PART B (base)	CEGIGB2	27.7 Lbs. (12.5 kg)	Pail

Can be mixed with CEG-PART A or CEG-Lite Part A

TILE SIZE	JOINT WIDTH					
	1/16"	1/8"	3/16"	1/4"	3/8"	1/2"
1" x 1" x 1/4"	103	58	43	36	29	26
2" x 2" x 1/4"	194	103	73	58	43	36
3" x 3" x 1/4"	286	149	103	80	58	47
4 1/4" x 4 1/4" x 1/4"	400	206	141	109	77	61
6" x 6" x 1/4"	560	286	194	149	103	80
8" x 8" x 3/8"	495	251	170	130	89	69
12" x 12" x 3/8"	739	373	251	191	130	99
16" x 16" x 3/8"	983	495	333	251	170	130
18" x 18" x 3/8"	1104	556	373	282	191	145
20" x 20" x 3/8"	1226	617	414	312	211	160
24" x 24" x 3/8"	1470	739	495	373	251	191
6" x 24" x 3/8"	593	300	203	154	105	81
12" x 24" x 3/8"	983	495	333	251	170	130
6" x 36" x 3/8"	634	321	217	164	112	86
9" x 36" x 3/8"	885	446	300	227	154	117
12" x 48" x 3/8"	1178	593	398	300	203	154

CEG Family

	CEG-Lite™	CEG-IG™
Easy to work with Epoxy	■	■
Stain Resistant	■	■
High Moisture Resistance	■	■
Fast Curing	■	■
Water Cleanable	■	■
Exceeds ANSI 118.3	■	■
Available in 40 colors	■	■
Superior Harsh Chemicals Resistance		■
Superior Heat Resistance		■

CEG-Lite™



1 Part A + 1 Part B (9.7 lbs. (4.4 kg))

2 Part A + 1 Part B (19.4 lbs. (8.8 kg))

	ITEM CODE	SIZE	PACKAGE
PART A (color)	LWCEGXXXA-EA	1.3 Lbs. (.58 kg)	Tub
PART B (base)	LWCEGB1-EA	9.7 lbs. (4.4 kg)	Pail
PART B (base)	LWCEGB2	19.4 lbs. (8.8 kg)	Pail

Can be mixed with CEG-PART A or CEG-Lite Part A

TILE SIZE	JOINT WIDTH					
	1/16"	1/8"	3/16"	1/4"	3/8"	1/2"
1" x 1" x 1/4"	52	29	21	18	14	13
2" x 2" x 1/4"	97	52	36	29	21	18
3" x 3" x 1/4"	143	74	52	40	29	23
4 1/4" x 4 1/4" x 1/4"	200	103	71	54	38	30
6" x 6" x 1/4"	280	143	97	74	52	40
8" x 8" x 3/8"	248	126	85	65	45	34
12" x 12" x 3/8"	369	187	126	95	65	50
16" x 16" x 3/8"	491	248	166	126	85	65
18" x 18" x 3/8"	552	278	187	141	95	72
20" x 20" x 3/8"	613	309	207	156	105	80
24" x 24" x 3/8"	735	369	248	187	126	95
6" x 24" x 3/8"	296	150	101	77	53	40
12" x 24" x 3/8"	491	248	166	126	85	65
6" x 36" x 3/8"	317	161	108	82	56	43
9" x 36" x 3/8"	443	223	150	114	77	59
12" x 48" x 3/8"	589	296	199	150	101	77

*Coverage for 19.4 lb. CEG-Lite is 5% greater than CEG-IG. See coverage chart on our website.

Technical Data

- CEG-IG can be used as both a grout and setting mortar
- Use with virtually any tile: vitreous, semi-vitreous or impervious tile including ceramic, mosaic, quarry, pavers, cement, porcelain, glass, brick, mini-brick, precast terrazzo and natural stone, including green marble
- Use to fill joint widths from 1/16" to 1/2" (1.6 – 13 mm)
- May be used for both floor or wall installation after tiles have been properly embedded
- Interior applications

Chemical Resistance

28 Day Immersion at 23°C	
Acetic Acid, 10%	Pass
Citric Acid, 50%	Pass
HCl, 36.5%	Pass
Lactic Acid, 10%	Pass
Nitric Acid, 30%	Pass
Oleic Acid 100%	Pass
Phosphoric Acid 80%	Pass
Sulfuric Acid 50%	Pass
Tartaric Acid, 50%	Pass
Tannic Acid 50%	Pass
Potassium Hydroxide, 45%	Pass
Sodium Hydroxide Saturated	Pass
Sodium Hypochlorite, 5%	Pass
Ethanol	Pass
Gasoline	Pass
Methylene Chloride	Fail
Mineral Spirits	Pass
Toluene	Pass
Xylene	Pass
Eco Lab Wash and Walk	Pass
5% Benzoic Acid	Pass
5% Formic Acid	Pass
10% Potassium Permanganate	Pass
Mineral water	Pass
Sea Water	Pass
Methanol	Pass
IPA	Pass
MEK	Pass
Chloroform	Fail
Hydrogen Peroxide	Pass
50% Oleic Acid/Water	Pass

ANSI A118.3 Properties

Property	Test Method	Requirement	Typical Results
Water Cleanability	ANSI 118.3 Section 5.1	>80 minutes	>80 minutes
Initial Set	ASTM C308	>2 hrs	6 hrs
Shrinkage	ASTM C531	<0.25%	0.05%
Sag in Vertical Joint	ANSI 118.3 Section 5.4	No change	No change
Shear Bond to Quarry Tile	ANSI 118.3 Section 5.5	>1000 psi	>1300 psi
Thermal Shock Resistance	ANSI 118.3 Section 5.8	>500 psi	>1300 psi
Compressive Strength	ASTM C579	>3500 psi	9500 psi
Tensile Strength	ASTM C307	>1000 psi	3200 psi

ANSI A118.5 Properties

Property	Test Method	Requirement	Typical Results
Compressive Strength	ASTM C579	>3000 psi	9500 psi
Tensile Strength	ASTM C307	>400 psi	3200 psi
Absorption	ASTM C413	<1%	0%
Modulus of Rupture	ASTM C580	600 psi	7000 psi
Initial Set	ASTM C308	>5 hours	6 hours
Final Set	ASTM C308	<7 days	Pass
Working Time	ASTM C308	10 minutes	40 minutes
Bond Strength	ASTM C321	>150 psi	Pass
Linear Shrinkage	ASTM C531	<1%	0.05%

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