

Warren Environmental Systems *SELECTOR GUIDE*

We Formulate Zero VOC, 100% Solids, High-Build, Structural, Environmentally Safe Products

Code Number	Product	Description	Consistency	Mix Ratio (BY VOLUME)	Flexural Strength (PSI)	Flexural Modulus (PSI)	Tensile Strength (PSI)	Compressive Strength (PSI)
Standard Products								
301-14	S-301 Epoxy Spray System	Full viscosity version (Non NSF) with excellent cured properties and the high thixotropic index allows a thick build even on vertical surfaces.	High Viscosity	2/1	11,000	500,000	7,000	12,000
301-15	P-301 Epoxy Spray System	A low viscosity penetrating epoxy system for the priming of damp concrete surfaces utilizing no fillers.	Very Low Viscosity	2/1	11,000	500,000	7,000	12,000
301-16	T-301 Epoxy Spray System	Low viscosity version (Non NSF) with excellent cured properties and produces a high-gloss finish for the top coating of 301-14 and other epoxy matrices.	Low Viscosity	2/1	11,000	500,000	7,000	12,000
301-18	M-301 Epoxy Trowel-On Mastic System	A highly thixotropic, non NSF version formulated for trowel-on applications. It features excellent cured properties and allows for 3/4 inch build-ups on vertical surfaces without sag.	Thick Paste	2/1	11,000	500,000	7,000	12,000
NSF Products								
301-01	S-301 Epoxy Spray System	Full viscosity version (NSF) with excellent cured properties and the high thixotropic index allows a thick build even on vertical surfaces.	High Viscosity	2/1	11,000	500,000	7,000	12,000
301-02	P-301 Epoxy Spray system	A low viscosity (NSF) penetrating epoxy system for the priming of damp concrete surfaces utilizing no fillers.	Very Low Viscosity	2/1	11,000	500,000	7,000	12,000
301-03	T-301 Epoxy Spray System	Low viscosity version (NSF) with excellent cured properties and produces a high-gloss finish for the top coating of 301-14 and other epoxy matrices.	Low Viscosity	2/1	11,000	500,000	7,000	12,000
301-04	M-301 Epoxy Trowel-On Mastic System	A highly thixotropic, NSF version formulated for trowel-on applications. It features excellent cured properties and allows for 3/4" build-ups on vertical surfaces without sag.	Thick Paste	2/1	11,000	500,000	7,000	12,000
Flame Resistant Products								
301-05	Flame Resistant Trowel-on Mastic System	A highly thixotropic, flame resistant version formulated for trowel-on applications. It features excellent cured properties and allows for 3/4 inch build-ups on vertical surfaces without sag.	Thick Paste	2/1	11,000	500,000	7,000	12,000
301-06	S-301 Flame Resistant Epoxy Spray	Full viscosity, flame resistant product with excellent cured properties and the high thixotropic index allows a thick build-up even on vertical surfaces.	High Viscosity	2/1	11,000	500,000	7,000	12,000
Flexible Products								
301-07	S-301 Flex	Full viscosity version flexible product with excellent cured properties and the high thixotropic index allows a thick build even on vertical surfaces.	High Viscosity	2/1	3,000	200,000	2,000	N/A
301-13	F-301 Flexible Expansion Grout	A highly thixotropic, flexible version formulated for trowel-on applications. It features excellent cured properties and allows for build-ups on vertical surfaces without sag.	High Viscosity	2/1	3,000	200,000	2,000	N/A

Warren Environmental, Inc. *SELECTOR GUIDE* cont.

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Flooring Products								
SG 201	Grout	Injection Grout		2/1	3,000	200,000	2,000	N/A
	Tile Grout 16 Plus Thinset Mastic	Thin layer of mastic used for tile placement.	Thick Paste	2/1	500	350,000	3,000	1,000
	Tile Grout 16 Plus	Grout used between tiles - Requires the use of aggregate.	Thick Paste	2/1	6,500	350,000	4,000	8,000
F 12	F-12 Mineral Filler	Profile material.	Powder	N/A	N/A	N/A	N/A	N/A
Pipelining Systems								
501-01	Cured in Place Pipelining System	A plural component epoxy cured in-place pipelining product featuring excellent cured properties and bond strength to a variety of substrates.	Medium Viscosity Liquid	2/1	6,000	350,000	8,000	6,000
Specialty Products								
301-99	Quick Invert Activator	Super fast activator used in cold and damp environments.	Liquid	2/1	10,000	450,000	7,000	10,000

For variable mix ratio -contact the manufacturer. The S-301 Epoxy Spray Systems are available in several viscosities. The standard colors are white or light grey.
Cure - Return to Service - 4 - 6 hours, Full Cure - 48 hours @ 70 °F.

Coverage		
Coating Thickness (ML)	(inches)	Coverage Sq. Ft./Gal
500	1/2	3.2
250	1/4	6.4
125	1/8	12.8
100	1/10	16
80	-	20
60	-	26.8
40	-	40.1
20	-	80.3

Chemical Resistance	
Chemical	Weight gain (1%)
Toluene	0.99
Ethanol	4.68
10% Acetic Acid	3.85
70% Sulfuric Acid	0.13
50 % Sodium Hydroxide	0.09
Distilled Water	1.11
Methanol	9.55
Xylene	0.69
Butyl Cellosolve	1.18
Methyl Ethyl Keytone	11.19
10% Lactic Acid	3.24
Bleach	0.93
1,1,1 Trichloroethane	0.43
10% Nitric Acid	2.05
30% Nitric Acid	4.17
(28 Day Immersion)	