

Accelerator A-20



Accelerator A-20 is a powdered additive used with Southwest Type 5 GP gypsum based fireproofing. This material is supplied in 50 lbs. bags and mixed with clean, potable water onsite to create a solution that is then injected into the Southwest Type 5 GP while it is being sprayed. Injection of Accelerator A-20 solution into Southwest Type 5 GP while spraying causes the material to swell 5-10% by volume and set up in 20 minutes.

PRODUCT DETAILS Accelerator A-20 was developed to enhance the set time of Southwest Type 5 GP and increase the number of coats that can be applied per day. Injected Southwest Type 5 GP can be spray applied to a thickness of 3/4" per coat and recoated in 20 minutes. The coating can then be built up to the specified thickness with a series of coats in 20 minute intervals. For most applications, injection of Accelerator A-20 into Southwest Type 5 GP allows the entire coating thickness to be spray applied in one day.

APPLICATIONS

HOSPITALS

SCHOOLS

OFFICE BUILDINGS

AIRPORTS

DEPARTMENT STORES

HOTELS

FEATURES

- › Can be used with all Southwest Type 5 GP UL designs
- › Promotes rapid set time of Southwest Type 5 GP
- › Provides high film build properties
- › High production output and yield
- › Fast recoat of Southwest Type 5 GP (20 minute recoat vs. 24 hour recoat with uninjected material)
- › LEED Compliant

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Use the coverage table below to determine the estimated coverage rates of injected Southwest Type 5 GP (based on wet nozzle density).

INJECTED SOUTHWEST TYPE 5 GP ESTIMATED YIELD CHART			WATER PER 50 LB. BAG (GAL.)								
WET DENSITY (PCF)	WEIGHT 1 LITER CUP (GM)	WEIGHT 5 OZ. CUP (GM)	9.50	9.75	10.00	10.25	10.50	10.75	11.00	11.25	11.50
			ESTIMATED BOARD FT. COVERAGE PER 50 LB. BAG								
36	577	85.51	43.1	43.8	44.5	45.2	45.9	46.6	47.2	47.9	48.6
37	593	87.89	41.9	42.6	43.3	43.9	44.6	45.3	46.0	46.6	47.3
38	609	90.26	40.8	41.5	42.1	42.8	43.4	44.1	44.8	45.4	46.1
39	625	92.64	39.8	40.4	41.0	41.7	42.3	43.0	43.6	44.3	44.9
40	641	95.01	38.8	39.4	40.0	40.6	41.3	41.9	42.5	43.1	43.8
41	657	97.39	37.8	38.4	39.0	39.7	40.3	40.9	41.5	42.1	42.7
42	673	99.76	36.9	37.5	38.1	38.7	39.3	39.9	40.5	41.1	41.7
43	689	102.14	36.1	36.6	37.2	37.8	38.4	39.0	39.6	40.1	40.7
44	705	104.51	35.2	35.8	36.4	37.0	37.5	38.1	38.7	39.2	39.8
45	721	106.89	34.5	35.0	35.6	36.1	36.7	37.2	37.8	38.4	38.9
46	737	109.26	33.7	34.3	34.8	35.3	35.9	36.4	37.0	37.5	38.1
47	753	111.64	33.0	33.5	34.1	34.6	35.1	35.7	36.2	36.7	37.3
48	769	114.01	32.3	32.8	33.4	33.9	34.4	34.9	35.4	36.0	36.5
49	785	116.39	31.6	32.2	32.7	33.2	33.7	34.2	34.7	35.2	35.7
50	801	118.76	31.0	31.5	32.0	32.5	33.0	33.5	34.0	34.5	35.0
51	817	121.14	30.4	30.9	31.4	31.9	32.4	32.9	33.4	33.8	34.3
52	833	123.52	29.8	30.3	30.8	31.3	31.7	32.2	32.7	33.2	33.7
53	849	125.89	29.3	29.7	30.2	30.7	31.1	31.6	32.1	32.6	33.0
54	865	128.27	28.7	29.2	29.6	30.1	30.6	31.0	31.5	32.0	32.4
55	881	130.64	28.2	28.7	29.1	29.6	30.0	30.5	30.9	31.4	31.8
56	897	133.02	27.7	28.1	28.6	29.0	29.5	29.9	30.4	30.8	31.3
57	913	135.39	27.2	27.6	28.1	28.5	29.0	29.4	29.8	30.3	30.7
58	929	137.77	26.7	27.2	27.6	28.0	28.5	28.9	29.3	29.8	30.2
59	946	140.14	26.3	26.7	27.1	27.6	28.0	28.4	28.8	29.3	29.7
60	962	142.52	25.8	26.3	26.7	27.1	27.5	27.9	28.3	28.8	29.2

Areas highlighted in GREY are below the minimum 15 pcf dry density.



Carboline Company
 Global Headquarters
 2150 Schuetz Road
 St. Louis, MO 63146 USA
 PH: +1-314-644-1000
www.carboline.com