

CPD® COLD WEATHER ACCELERATOR

DESCRIPTION

CPD® Cold Weather Accelerator is a concentrated solution which accelerates the set of concrete or mortar to substantially increases early strength gains.

WHERE TO USE

- as a set accelerator for concrete and mortar

BENEFITS

- the addition of this product will reduce the initial setting time by 40-60% and the final setting time proportionately
- the time to finishing will also be substantially reduced
- minimizes cold weather protection required for concrete and masonry placements.

APPLICATION/DOSAGE RATES

Sand and aggregate should be free of ice and snow. This product is compatible with other admixtures, but each admixture should be added separately.

Mixing proportions are as follows:

Temp (Ambient) Addition Rates:

°C	°F	40 kg Cement		30 kg Masonry Cement	
		L	US Gal	L	US Gal
-10 to -5	14 - 23	2.3	0.6	1.2	0.32
-5 to 0	23-32	1.7	0.4	0.9	0.24
0 to 10	32-50	1.1	0.3	0.6	0.16
10 to 21	50-70	0.6	0.16	0.3	0.08

*Note: Masonry cement is 50% by weight of Portland cement. Addition weights are based on Portland Cement content.

This product should be added directly to the water used in the concrete or mortar mix. When added to a ready mix truck, mix for at least 3-5 minutes before discharging. Loads must be discharged within one hour.

LIMITATIONS

- Cannot be used as an anti-freeze additive
- Does not prevent concrete from freezing, but accelerates set to minimize the possibility of freezing in cold weather
- Contains calcium chloride

COVERAGE

See dosage rates above.

STANDARDS

Conforms to ASTM C494 Type C

There is an ASTM standard (list) for admixtures.

PACKAGING

208L (55 U.S. gal) drum - 271 kg (597 lb)

18.9L (5 U.S. gal) pail - 26 kg (57 lb)

3.79L (1 U.S. gal) - 18 kg (40 lb)/case (4 per case)

CLEAN UP

All equipment and tools can be cleaned with water prior to set.

STORAGE

Can be stored in untreated warehouse. Do not store below -10°C (14°F)

TRANSPORTATION REGULATION

Not Regulated

SHELF LIFE

Two years from the date of manufacture when stores in original containers.

SAFETY PRECAUTION

Consult Safety Data Sheet for specific instructions. SDS # 31.

WARRANTY

The recommendations made and the information herein is based on our own and independent laboratory experience, and is believed to be accurate under controlled conditions. However, no warranty or guarantee of accuracy is made because we cannot cover every possible application of product nor anticipate every variation encountered in weather conditions, job-conditions, methods used and types of surfaces on which the product is applied. The users shall make their own tests to determine the suitability of such products for any particular purpose.

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CPD®'s liability shall be limited in all events to supplying sufficient product to re-treat and/or repair the specific area to which CPD® product has been applied. CPD® reserves the right to have the true cause of any difficulty determined by accepted test methods. CPD® shall have no other liability, including liability for incidental, consequential or resultant damages, however caused, whether due to breach of warranty, negligence, or strict liability.

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