



# MULTIPLAST® POWERSET®-300

PCE Set Accelerator & Water Reducer for Cementitious Materials

## PRODUCT DESCRIPTION:

**Multiplast® PowerSet®-300**, Concrete Set Accelerator is a ready-to-use, liquid admixture, designed for reinforced cement concrete structures. It accelerates initial setting time one to three times faster than normal mortar and concrete.

**Multiplast® PowerSet®-300** improves workability and strength while hastening the hydration of cement. It makes the mix easier to place and speeds construction by shortening the initial set and curing time. Time and labor are saved, because forms and other protection can be removed earlier, and finishing can be started.

**Multiplast® PowerSet®-300** is more suited to cold conditions where in cement hydrations gets reduced.

## BENEFITS:

- **Multiplast PowerSet®-300** accelerates initial set time one to three times faster than normal concrete and mortar.
- Aids in strength development.
- Speeds up hydration of cement.
- Increases workability of concrete or mortar mix in colder temperatures.
- Speeds construction due to reduced setting and curing time.
- Allows earlier removal of concrete forms or other protection.
- Permits earlier finishing.

## USES:

**MULTIPLAST® PowerSet®-300** is recommended for use during cool and cold weather to accelerate the set time and reduce the risk of frozen mortar and concrete mixes. **MULTIPLAST® PowerSet®-300** is also used any time you want to accelerate the set time to decrease turnaround time.

## TYPICAL PROPERTIES:



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Multiplast PowerSet-300/2015/R12-22-10-2018



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<b>Physical State</b>	Clear Liquid
<b>Air Entrainment</b>	< 1%
<b>Normal Dosage, per 50 kg cement</b>	300 to 1200 ml
<b>Sp. Gravity</b>	1.05-1.20

## PACKING:

5, 20, 50, 100, 200 kg carboy/drum.

## STORAGE:

Store in dry, frost-free conditions at moderate temperatures not greater than 25 °C.

## SHELF LIFE:

Minimum one year if stored below 30 °C in original container and stored under shade.

## WARRANTY

Multichem warrants MULTIPLAST® PowerSet®300 to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the addition of MULTIPLAST® PowerSet®-300.

Because the Multichem does not perform the actual installation, it cannot be held responsible for the results of the application. Multichem specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.

This warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Multichem part. Multichem neither assumes nor authorizes any person to assume for Multichem any liability in connection with the sale and installation of MULTIPLAST® PowerSet®-300.

Because of constant improvement of manufacturing techniques and formulations, Company reserves rights to change this datasheet and its contents without prior notice.



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