

# ProCast™ 930

## Viscosity Modifying Admixture

### Features and Benefits

- High performance admixture that significantly reduces segregation in conventional and highly fluid Self Consolidating Concrete (SCC) mixes.
- Improves rheological and thixotropic properties of concrete, allowing greater flexibility in mix design, materials and placement methods
- Controls bleeding
- Reduces bugholes
- Reduces sagging, helping larger units to maintain complex shapes
- Neutral effect on compressive strength, workability retention, set time and air entrainment
- Improves finishability and surface appearance

### Guidelines for Use

**Dosage Rate:** ProCast 930 dosage rate will vary depending on the desired benefits. The recommended dosage range of 2 – 10 fl.oz/cwt (130 - 650 mL/100kg) of cementitious materials covers most concrete mixes. For conventional concrete mixes that need aid with finishing, pumping or surface appearance, a dosage range of 2 - 6 fl.oz/cwt (130 - 390 mL/100kg) is recommended. For highly fluid SCC mixes that require additional thixotropy and stability, the recommended dosage range increases up to 10 fl.oz/cwt (650 mL/100kg).

Due to variations in local materials, production conditions or applications, dosage outside the recommended range may be required. Please consult with your Technical Services Representative for more information.

ProCast 930 may slightly decrease slump or slump flow due to the increase in concrete viscosity. A minor increase in the dosage rate of High Range Water Reducer will return slump or slump flow to the desired level.

**Air Entrainment:** For concrete that requires air entrainment, use of an synthetic air entraining agent that complies with ASTM C260 *Standard Specification for Air-Entraining Admixtures for Concrete* such as ProCast 970 is recommended.



### Description

ProCast 930 is a viscosity modifying admixture developed for use in concrete that requires enhanced stability and rheological properties including increased viscosity and thixotropic performance.

ProCast 930 is formulated to meet the performance requirements of ASTM C494 Type S *Specific Performance Admixture*.

### Recommended For

Wet cast concrete

Self Consolidating Concrete

Harsh or gap graded aggregates

Manufactured sands

Pumping aid

Finishing aid



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**Recommended Addition Time:** Add majority of batch water upfront with the aggregates and cement. Prewet up to 75% of total water. ProCast 930 may be added with the initial water, or after all the other ingredients have been added and thoroughly mixed.

**Compatibility:** ProCast 930 is compatible with most admixtures including air entrainers, water reducers, retarders, and accelerators. Do not use ProCast 930 with admixtures containing naphthalene or melamine sulfonate as negative effects on slump and workability may result.

### Product Storage and Shelf Life

**Freeze Protection:** ProCast 930 must be protected from freezing. Do not store at temperatures below 40°F (5°C). The admixture is not usable after it has frozen.

**Protect from Direct Sunlight:** ProCast 930 must be protected from direct sunlight. DO NOT store where container is exposed to direct sunlight.

**Shelf life:** One year in original unopened container.

### Technical Information

Color: Opaque Light Straw

### Health & Safety

Consult SDS for Health & Safety Information

### Contact

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