

ADVA CAST 566

High Range Water Reducing Admixture

DESCRIPTION

ADVA CAST 566 is a new generation high range water reducing admixture based on modified polycarboxylates. It leverages concrete strength performance to optimize mix design. ADVA CAST 566 provides extended pumpability and flowability to increase productivity and reduce production costs.

Meets or exceeds the requirements of ASTM C-494 Type A and F

ADVANTAGES

- High Early and Ultimate Strength Performance
- High Flowing Concrete without Segregation
- Improves Cementitious Material Performance (More PSI/lb)

FIELDS OF APPLICATION

- All Cement Types
- Precast Concrete
- Ready Mix Concrete
- Post Tensioned and Prestressed Concrete
- High Early Strength
- Self Consolidating Concrete (SCC)

METHOD OF USE

Dosage

- The recommended dosage rate for ADVA CAST 566 is 1 to 6 oz/cwt (65 to 391 ml/100 kg) of cementitious material for a Type A and 3 to 20 oz/cwt (196 to 1304 ml/100 kg) of cementitious material for a Type F.
- ADVA CAST 566 can be added with the initial water or, for optimum performance, on the wetted concrete. It should not be added with or on the dry cement.
- Dosage rates may vary when used in conjunction with other CHRYSO admixtures.
- Trial mixes should be conducted to determine the dosage rate needed.
- Because local job conditions vary, please contact your local CHRYSO sales representative for further assistance if using the product outside the recommended dosage ranges.

The information contained in this technical data sheet is given to the best of our knowledge and the result from extensive testing - which were conducted in order to remain as objective as possible. However, it cannot, in any case, be considered as a warranty involving our liability in case of misuse or any different use of our products, other than those from the "Application" paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users. www.chryso.com

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CHARACTERISTICS

Product Nature	Liquid
Color	Greenish-Amber
Shelf life	12 months
Cl⁻ ions content	< 0.100 %
Specific gravity (25°C) in g/ml	1.060
pH (25°C)	4.00

This product does not contain any purposely added calcium chloride or other chloride based components. It will not promote or contribute to corrosion of reinforcing steel in concrete.

Packaging :

- 55 gallon drum (210 L)
- 264 gallon tote (1000 L)
- Bulk

PRECAUTIONS

- ADVA CAST 566 should be stored at or above 40°F (5°C). If frozen, thaw and agitate thoroughly to return to its normal state before use.
- Do not use pressurized air for agitation.
- ADVA CAST 566 is compatible with most CHRYSO admixtures if added separately to the concrete mix.
- However, it is not recommended for use in concrete containing naphthalene-based admixtures including ProPel AG, or melamine-based admixtures.

SAFETY

Prior to any use, please read carefully the Safety data Sheet.