

ADVANCEMENT[™] HS (High Sulfate)

Paving the way with science and resilience.

DESCRIPTION

ADVANCEMENT[™] HS is a portland-limestone blended cement manufactured for general use when high sulfate resistance is required.

BENEFITS

ADVANCEMENT[™] HS reduces the amount of CO₂ in the manufacturing process as compared to common ASTM C150 cements by approximately 10% while maintaining product performance requirements. High sulfate resistance also lowers the possibility of sulfate attack on the concrete.

AVAILABILITY

In bulk quantities at:
Mojave Cement Plant, Mojave, CA
Stockton, CA Terminal
Las Vegas, NV Terminal
Sacked products are available through select building material suppliers.

A HISTORY OF QUALITY AND ENVIRONMENTAL STEWARDSHIP

ADVANCEMENT[™] is more than just a new line of PLCs. The products represent CalPortland's commitment to offering environmentally friendly products, sustainable materials and renewable technologies. In fact, CalPortland has been awarded the ENERGY STAR® Partner of the Year Award for Sustained Excellence for an unheard of sixteen consecutive years.

Since 1891, CalPortland has been providing unsurpassed quality of superior performing cement products and solutions for your greatest construction challenges. From our state-of-the-art cement production facilities, we manufacture our products using only high-quality raw materials and strict quality control procedures.



APPLICATIONS

ADVANCEMENT[™] HS use in all types of general concrete construction, such as foundations and slab-on-grade projects. Structural concrete applications such as buildings, bridges, culverts, freeways, water treatment facilities, storage structures as well as other construction applications. Pre-stressed and precast concrete products. Package products such as bagged premix concrete, masonry mortar, thin-set mortar and grouts. Concrete products including pipe, roof tile, manholes, septic tanks and others.

STANDARDS

ADVANCEMENT[™] HS cement meets the standard requirements of the following:

- ASTM C595 / C595M-20 Standard Specification for Blended Hydraulic Cements
- AASHTO M240M/M240-20 Standard Specification for Blended Hydraulic Cement

PRODUCT PRECAUTIONS

For precise product application, it is important to refer to the project specifications.

Contact with cement (including unhardened concrete, mortar, wet cement, or cement admixtures) can cause skin irritation, severe chemical burns or serious eye damage. Avoid contact with eyes and skin. Seek immediate medical attention if you have persistent or severe discomfort. In case of eye contact, flush with plenty of water for at least 15 minutes. Consult a physician immediately. For other precautions, please refer to the CalPortland Portland Cement SDS Report.