Ashland Specialty Ingredients
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NUMBER 4769 (Supersedes 37.110-E1)

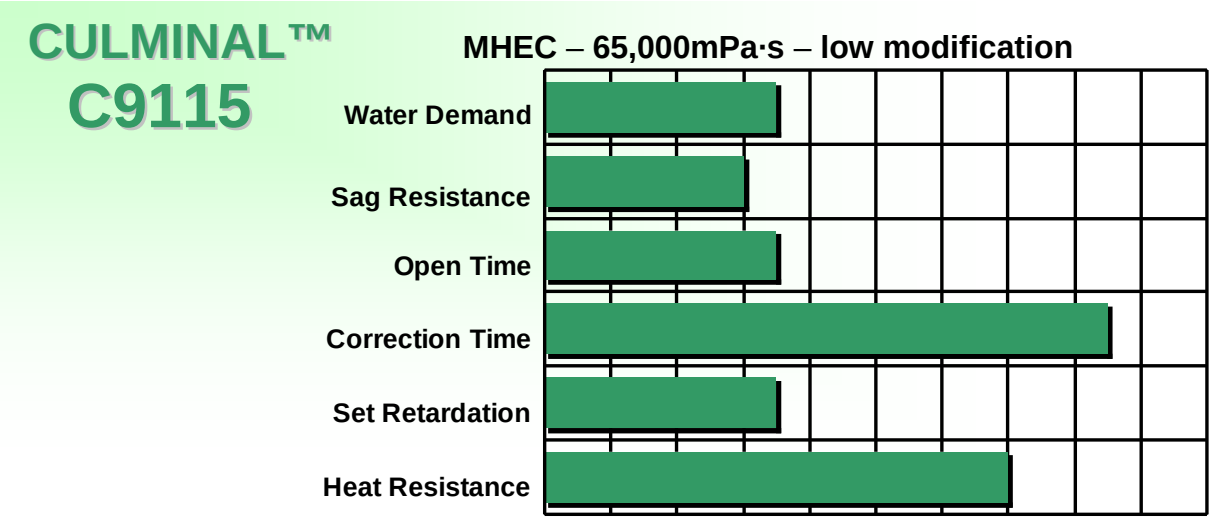
Culminal™ C9115

Modified cellulose ether for economic quality tile cement

Culminal C9115 exhibits very high water retention and thus reduces the absorption of water into porous substrates. Additionally C9115 provides light workability, sufficient sag resistance as well as an appropriate setting time. The high efficiency enables formulation of tile cement at low additive costs by reducing the cellulose ether dosage. The adjustability time is good even at low C9115 dosages and high ambient temperatures. Typically, Culminal C9115 is used for economical tile cement formulation (e.g. C1; C1T according to EN 12004).

- ✓ **Very high water retention**
- ✓ **Extremely long adjustability time, even at elevated temperature**
- ✓ Long open time
- ✓ Sufficient antisag
- ✓ Good wet adhesion
- ✓ Proper strength development
- ✓ Fast dissolution / early final consistency
- ✓ Light workability
- ✓ Recommended dosage level 0,20 – 0,30 %

  for higher antisagging combination with Amylotex or / and cellulose fibers possible.



Characteristics of Culminal C9115

Chemical basis:	methylhydroxyethylcellullose
Viscosity:	approximately. 65.000 mPa·s[(1)]
Particle size:	fine powder
Moisture content:	max. 8%
Bulk density:	200 - 500 g/l

[(1)]2% solution, on dry basis, Brookfield RVT, 20 rpm, 20°C

Storage

Culminal C9115 is a non-perishable product. It is recommended to use the product in rotating on a first in first out basis. The product should be stored under dry and clean conditions in its original packaging and away from heat. The product is hydroscopic. The packaging is selected in a way to avoid ingress of moisture, but the water content of the packed product will / may increase if not stored dry.

Product Safety

According to the EU legislation on dangerous substances and preparations, Culminal C9115 is not hazardous. Further data on the safety aspects of Culminal types are given in the Safety Data Sheet.