

Bermocoll CCA 098

Bermocoll® CCA 098 is a modified non-ionic, water soluble cellulose ether. It improves the consistency and the water retention of cement based mortars.

Specifications

Appearance	Whitish powder
Particle size	98 % $\leq$ 500 μ m
Water content	$\leq$ 4 %

Characteristics

pH, 1% solution	7
Surface activity	Weak
Viscosity at 20 °C (Brookfield LV), 1% solution	8000-12000 mPa.s

Notes:

Bermocoll® CCA 098 is a modified, high viscosity grade of ethyl hydroxyethyl cellulose.

Applications

Bermocoll® CCA 098 is used in cement based tile fix and joint mortars for improvement of workability, consistency, and water retention. It prolongs the open time, and improves the final adhesion and strength. Bermocoll® CCA 098 should be admixed to the mortar in dry form before the water is added. Normal dosage is 0.3 - 0.5 % calculated on the dry mortar weight. Bermocoll® CCA 098 is also used as a thickener for water based systems when extremely high viscosity is required. The dissolving time of Bermocoll® CCA 098 is influenced by the pH of the solution.

Storage

In unopened bags, Bermocoll® CCA 098 can be stored for several years. In opened bags, the moisture content of Bermocoll® CCA 098 will be influenced by the air humidity. At the temperatures above 250 °C (480 °F), charring of Bermocoll® CCA 098 will occur.

Packaging and transport

Like many industrial processed powdery materials, cellulose ether dusts are combustible and can cause dust explosions. Dust formation must be avoided or kept to a minimum. Care should be taken to prevent ignition from heat, spark, open flames or hot surface. Bermocoll® CCA 098 is packed in a polyethylene bag. Net weight 20 kg. We recommend emptying the bags from the bottom. The empty bags can be re-cycled or burned. In unopened bags, Bermocoll® CCA 098 can be stored for several years. In opened bags, the moisture content of Bermocoll® CCA 098 will be influenced by the air humidity. At the temperatures above 250°C (480°F), charring of Bermocoll® CCA 098 will occur. At high temperatures and in contact with an open flame, Bermocoll® CCA 098 will burn slowly with the characteristics of cellulose.

Safety and handling

At high temperatures and in contact with an open flame, Bermocoll® CCA 098 will burn slowly with the characteristics of cellulose.

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nouryon does not accept any liability whatsoever arising out of the use of or reliance on this information, or out of the use or the performance of the product. Nothing contained herein shall be construed as granting or extending any license under any patent. Customer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued information on the subject matter covered. The customer may forward, distribute, and/or photocopy this document only if unaltered and complete, including all of its headers and footers, and should refrain from any unauthorized use. Don't copy this document to a website.

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