

AQUACER 8840

Emulsion based on an ethylene-acrylic acid copolymer wax for improving the surface properties of aqueous care products. Provides strong anti-slip effect and good foot traffic resistance.

AQUACER 8840 is only available in USA, Mexico and Canada.

Product Data

Composition

APEO-free, nonionic emulsion based on ethylene-acrylic acid copolymer wax

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Non-volatile matter (ASTM D2834): 30 %
Carrier: Water
Melting point (wax component): 110 °C (230 °F)
Viscosity (25 °C, Brookfield DV-I): < 50 mPa·s
pH value (ASTM E70): 9

Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Storage and Transportation

Keep from freezing. To be stored and transported at a temperature between 5 °C (41 °F) and 35 °C (95 °F).

Applications

Care Products and Polishes

Special Features and Benefits

AQUACER 8840 is compatible with all known polymer dispersions, resin solutions, plasticizers, film building agents and surfactants. The wax emulsion gives a strong anti-slip effect and is characterized by a good dirt-repellent effect. The above-mentioned properties are generated by mixing AQUACER 8840 with polymers in a ratio of 3:1 (solid wax to solid polymer). Mixing at a ratio of 1:6 increases the water and alcohol resistance, abrasion resistance (scuff resistance) and the protection against heel marking (foot traffic resistance).

AQUACER 8840

Data Sheet
Issue 06/2015

Recommended Use

AQUACER 8840 is used in self-shine floor care products for flooring of all kinds.

AQUACER 8840 is recommended for use in floor polishes, either alone, or in an 80/20 to 70/30 combination with a high-density polyethylene emulsion such as AQUACER 8059 or AQUACER 8030. These combinations will result in a floor polish with an optimum balance of scuff, heel mark and slip resistance.

Recommended Levels

7-15 % additive (as supplied) based upon total formulation.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

The wax additive is preferably added under agitation after mixing the polymers with the plasticizers and water, but before incorporating surface-active substances.



Additive Guide



BYK USA Inc.
524 South Cherry Street
P.O. Box 5670
Wallingford, CT 06492
USA
Tel 203 265-2086
Fax 203 284-9158

cs.usa@byk.com
www.byk.com

ANTI-TERRA®, BYK®, BYK®-DYNWET®, BYK®-SILCLEAN®, BYKANOL®, BYKETOL®, BYKJET®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, DISPERBYK®, DISPERPLAST®, LACTIMON®, NANOBYK®, PAPERBYK®, SILBYK®, VISCOBYK®, and Greenability® are registered trademarks of BYK-Chemie. ACTAL®, ADJUST®, ADVITROL®, ASTRABEN®, BENTOLITE®, CLAYTONE®, CLOISITE®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, LAPONITE®, MINERAL COLLOID®, OPTIBENT®, OPTIFLO®, OPTIGEL®, PURE THIX®, RHEOCIN®, RHEOTIX®, RIC-SYN®, TIXOGEL®, and VISCOSEAL® are registered trademarks of BYK Additives. AQUACER®, AQUAMAT®, AQUATIX®, CERACOL®, CERAFAX®, CERAFLOUR®, CERAMAT®, CERATIX®, HORDAMER®, and MINERPOL® are registered trademarks of BYK-Cera. SCONA® is a registered trademark of BYK Kometra.

The information and data stated herein, although in no way guaranteed, are based upon tests and reports considered to be reliable and are believed to be accurate. No warranty, either expressed or implied, is made or intended. Use by a customer should be based upon their own investigations and appraisals. Any recommendation should not be construed as an invitation to use a material in infringement of patents.
This issue replaces all previous versions – Printed in the USA