

WACKER® FINISH CT 55 E

Silicone Fluid Emulsions, functional

WACKER® FINISH CT 55 E is a nonionic macro emulsion of a reactive aminofunctional silicone fluid.

Properties

It can be used as it is or for easy preparation of silicone macro emulsions of any desired concentration.

WACKER® FINISH CT 55 E forms stable silicone macro emulsions of any desired concentration upon dilution by simple mechanical mixing. Thus it offers high flexibility for the preparation of silicone macro emulsions with an active ingredient concentration tailored to the particular application.

Specific features

- Concentrate

Applications

- Textile Finishing
- Textiles & Leather

Application details

WACKER® FINISH CT 55 E preparations can be used either on their own or combined with resins and other finishes. To prepare dilutions and formulations of WACKER® FINISH CT 55 E, gently stir in the required amount of demineralized water (avoiding high shear rates), either continuously or in portions. Adjust the pH by addition of acetic acid if necessary and add a suitable preservative. Finally, continue stirring until the mixture is homogeneous and transfer it to the packaging container through an approx. 100-µm filter. Dilutions formulated by this method have a shelf life of at least 3 months (see shelf life below). More dilute preparations or formulations with other active substances should be tested individually. This is particularly important for formulations with anionic components. WACKER® FINISH CT 55 E can also be used for textile finishing as it is. It is preferably applied by padding and drying at 130 to 150°C. High shear forces should be avoided during application. For the pad method 10 – 20 g/l of WACKER® FINISH CT 55 E are generally recommended to achieve the best result. WACKER® FINISH CT 55 E can be combined with resins and other finishing agents. Higher crease recovery angles and lower abrasion values can be obtained in resin finishes with WACKER® FINISH CT 55 E.

WACKER® FINISH CT 55 E is particularly suitable for the impregnation of all kinds of fibers and textiles. It imparts a very soft, drapable, full hand to a wide range of fiber materials such as cotton (CO), polyester (PES), viscose (CV) and their mixtures. Treatment with WACKER® FINISH CT 55 E improves the sewability, wash-and-wear properties, easy-iron and crease recovery. Effects are resistant to washing and dry cleaning. When applied under normal conditions, WACKER® FINISH CT 55 E has very little effect on the degree of whiteness. It does not adversely affect the shade or color fastness of colored articles.

Packaging and storage

Packaging

WACKER® FINISH CT 55 E is available in
200 kg drum
950 kg IBC.

Storage

The 'Best use before end' date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

QR Code WACKER® FINISH CT 55 E



For technical, quality or product safety questions, please contact:

Wacker Chemie AG, Gisela-Stein-Strasse 1, 81671 Munich, Germany
productinformation@wacker.com, www.wacker.com

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.