

40-40 Microfiber

Field Mix Thickener

Description

40-40 Microfiber is a high-tensile polyethylene fiber for use in the field by the applicator in order to modify thickness thereby enhancing sag resistance properties as well as application of high build applications when used with KM silicone roof coatings.

Uses

May be added to KM silicone coatings in order to increase product thickness.

When added to KM silicone roof coatings, the resulting compound (depending on quantity used) is suitable for use as a light brush-grade to mastic-grade compound for fabrication of cants, to seal joints, seams, through roof penetrations, fastener heads, flashings and miscellaneous details on various roof surfaces and substrates. Contact KM Technical Services for clarification of unusual surfaces or project conditions.

Increases the coating's tear strength, when mixed with KM silicone roof coatings, which allows for excellent vertical hold for most surfaces and various roofing types.

Packaging

5 lb. (2.3KG) Box



Application Instructions

Transfer the FMT fibers into a clean empty plastic pail as needed before transportation to the roof. The outer cardboard carton is not intended for exposure to the outdoor weather conditions.

Add 40-40 Microfiber to KM silicone coatings at a ratio of 20% to 30%. To avoid "dust up", pour the KM coating first into a suitable container and then add the desired level of 40-40 Microfiber.

Gently mix the KM coating and the 40-40 Microfiber using hand tools. The mix is complete when the resulting compound is uniform and free of clumps.

With regards to temperature and other weather conditions, follow the recommended procedures associated with the specific KM coating you are using with 40-40 Microfiber.

Addition of 40-40 Microfiber will shorten pot life. Do not add more than one hour in advance and do not mix more than you will use during one working period.

Consult KM Technical Services for specific roof membranes and for job specific application specifications.

Curing of 40-40 Microfiber + KM coating compound will vary due to wet film thickness, ambient temperature, humidity and other climatic conditions. For best results, it is recommended to allow an overnight curing before the application of subsequent materials. Unless this fibered product is being incorporated into a coating which is 100% volume solids, please be advised that some shrinkage of the cured product should be expected.

Prior to using this product on new cap sheets (smooth or granulated), it is recommended to wait 30 days for weathering.

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Personal Protection

Irritation may result from prolonged or repeated contact with skin.

Wear chemical resistant gloves, protective goggles for dust, dust mask and protective clothing, if needed.

Eye Contact — Flush eyes with water while lifting the upper and lower lids and seek medical advice.

Inhalation — Remove to fresh air.

Waste Disposal — Empty containers must be disposed of in accordance with local, state and federal regulations.

For Professional Use Only — Keep out of the reach of children.

WARNING – This product may be mixed with coating which contain flammable solvents and is designed for professional installation. Caution should be exercised to prevent mishap due to improper handling. The use of an appropriate MESA/NIOSH approved respirator during application is important. We also recommend the use of fabric coveralls and neoprene or other resistant gloves.

Storage and Cleaning

Product shelf life is indefinite when properly stored. Observe normal safeguards for storing and handling of this product prior to and during application. Keep containers covered when not in use. Store in a dry location between 50°F and 100°F (10°C and 36°C).

KM Coatings

5301 West Mohave Street
Phoenix, AZ 85043

Office: (602) 253-1168

Fax: (602) 258-1887

Toll Free: (800) 982-6899

Refer to SDS for specific data and handling of our products. All data furnished refers to standard production using manufacturing testing tolerances. The product user, and not KM Coatings, is responsible for determining the suitability and compatibility of our products for the user's intended use.