



LC-440

Paste Leveler

DATA SHEET
05/2013



DESCRIPTION:

QUILOSA LC-440 is a cement based self-leveling compound for filling, smoothing and leveling surfaces prior to installation of flexible coatings, parquet or ceramic, indoor or outdoor.

APPLICATIONS:

It can be used for radiant floors without additives needing to be added. It is valid for leveling, in layers from 3 to 40 mm, floors of concrete, cement, anhydrite, ceramic or others. Thicknesses up to 60 mm can be obtained adding aggregates.

QUILOSA LC-440 is characterized by a very low shrinkage. It can be used for underfloor heating.

INSTRUCTIONS:

The floor must be consistent, smooth and firm and free from dust and grease.

Any remains of paint or glue on the surface must be removed mechanically as far as is possible.

Old ceramic floors must be energetically cleaned and sanded with an abrasive.

This product is not a vapour barrier and is permeable to moisture. Follow the coating instructions regarding the maximum moisture content and verify the surface before installing **QUILOSA LC-440**. If surface moisture exceeds 75% (measured with a calibrated hygrometer) or 2% CM / CM method), install an anti moisture membrane.

Before applying the leveling compound **QUILOSA LC-440**, you need to apply a primer on the surface: **QUILOSA BA-190** for porous surfaces such as cement, plaster or concrete or **QUILOSA BA-180** in the case of non-porous surfaces.

TECHNICAL FEATURES

working time:	Approximately 40 minutes at 20°C
Time before stepping:	4 hours approximately
Time before gluing coverings:	24 hours for thicknesses up to 10 mm.
Working temperature:	> 5°C
Yield:	Approximately 1.7 kg/m ² .mm
Compression strength:	Aprox. 25 N/mm ² at 28 days.



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METHOD OF USE:

Pour 4,5 litres of water into a container for every sack of 25 kg of product. Mix until a fluid and homogenous paste is obtained. Using a mechanical stirrer at 600 rpm is recommended.

Leave the mixture for 3 minutes and mix it again for the paste to be ready to use.

Pour the mixture onto the floor and spread it with a levelling bar until the recommended thickness is obtained.

Surfaces may be more easily equalled using a level. For very thick surfaces, using a spiked roller is recommended.

Do not mix a larger amount than can be applied in 25 - 30 minutes.

STORAGE:

18 months in its original hermetically sealed containers at temperatures of between 5 and 25°C.

PRESENTATION:

Bags 25 Kg

CLEANING:

Tools may be cleaned simply with tepid water before the product has completely set.

HEALTH & SAFETY:

QUILOSA LC-440 contains cement. Mixing with water produces a strongly alkaline reaction. Protect the eyes and skin.

In case of contact, wash immediately with abundant water. In case of contact with the eyes, seek medical attention.

For further information, request the product safety data sheet.

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