



Glue-down Installation

BEFORE INSTALLATION

Screed

A self levelling screed is required for engineered flooring.
A Pavelite screed is not suitable.

Grab Strength Test

The grab strength in the screed must be 25mpa (MEGA PASCALS).
The grab strength is to be tested by the builder or floor installer.
If a screed fails this test it must be redone

Moisture Test

A moisture test must be done on any concrete subfloor or screed.
The moisture in the screed may not exceed 3%. Should the screed be over these levels, do not proceed. Moisture levels in the screed can be tested by using a Tramex concrete moisture meter.

Screed Variance Test

The screed must not be porous and must only have a maximum 3mm variance over a three meters area under a straight edge at any point across the floor, otherwise the screed must be redone.

PREPARATION

The planks that are being installed should have their plastic removed and be kept in the room where they are being installed to acclimatise (because wood expands and contracts) for 48 hours prior to installation.

The layout of the wooden flooring must be measured and planned. A symmetrical layout plan helps with the installation. The length of the plank should run with the longest direction and the width with the shorter direction.

Areas that are longer than (10m x 8m) 10 meters in length and 8 meters in width require an expansion joint. The floor perimeter must have a 15mm expansion gap.

Before commencing installation, ensure the subfloor or screed is clean, dry to touch and free of dust, oil and grease. The surface area must be flat.

INSTALLATION GUIDELINES FOR ENGINEERED OAK

(according to climatic conditions for South Africa)

A moisture barrier (by PEKAY or SIKA) must applied before installation, this prevents moisture from the concrete getting to the wood floors. PEKAY moisture barrier (PEKAY E75 IJ Epoxy Two-Part Waterbased Primer) or SIKA moisture barrier are both suitable for the glue-down installation.

There are two adhesive application methods for installing glue-down engineered floors.

- Full bond system - the glue is trowelled over the entire screed using a 8mm notched trowel.
- Cord bond system - the glue is applied in beads 10mm thick and 100mm apart.

PEKAY adhesive (Pekaset GB 690) applied to the screed, works together with the PEKAY moisture barrier primers.

Click here for the PEKAY instructions.

SIKA adhesive (SIKA BOND T52) is an adhesive that works with the Sika moisture barrier products.

Click here for the SIKA instructions.

Contact details for the adhesive brands Oggie recommends:

Pekay. <http://pekay.co.za> 021-935 5660.

Sika <https://zaf.sika.com> 021-555 0755

Note: The responsibility of the installation lies with the accredited installer.

HANDOVER

When installation is completed, the floors are to be cleaned and maintained using the correct products for the specific floor finish. The cleaning products can be purchased from any Oggie showroom. **Click here for Oggie care.**

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