

APPLICATION OF LEVELITE SELF LEVELLING FLOOR SCREED OVER SUBSTRATES WITH A MOISTURE CONTENT HIGHER THAN 3.5%, IN PREPARATION FOR LVT PLANKS.

1. OVERVIEW:

Should the substrate exceed the maximum permissible moisture content as set out by the floor covering supplier the following products will be used:

- **VAPORiTe +PLUS[®]** - epoxy moisture barrier (two coats)
- **iTe SLURRY[®]** - one component premixed polymer keying agent
- **LEVELiTe F30[®]** - self levelling floor screed
- **GRIPiTe V50[®]** - LVT adhesive
- Vinyl plank floor covering

2. METHOD STATEMENT:

2.1 STEP 1:

Make sure substrate is sound with no hollow spots or cracking. Should this be the case please consult with an **iTe** technical specialist before installing the **iTe** screeding system.

Substrate must be clean and sound, removing all contaminants such as oils, paints hardened surface deposits i.e. plaster and skim coats by mechanical means and dust and debris with either a high-quality broom or vacuum machine.

No need for grinding power floated surfaces.

2.2 STEP 2:

VAPORiTe +PLUS[®] is to be applied by steel plaster trowel or mohair paint roller and with a brush in corners in thin films. When applying the **VAPORiTe +PLUS[®]** with a trowel the first coat is to be applied in an east-west direction and second coat in a north-south manner. As soon as the first coat is applied with a trowel, the surface is to be rolled with a mohair roller to assist in quicker drying and a more even spread. Any divots or depressions where an accumulation of **VAPORiTe +PLUS[®]** may be ponding, must be brushed out to leave a thin film on the substrate.

Allow 2-3 hours curing times between coats. Final coat to be left overnight to cure before progressing with the next step. Do not allow foot traffic/soiling during this time (specific coverage information is given in the relevant datasheets).

2.3 STEP 3:

The **VAPORiTe +PLUS[®]** must be fully cured and dry to the touch before **iTe SLURRY[®]** can be applied. Stir the contents of the bucket with an electric mixer with paddle to ensure good mixing until a smooth liquid consistency is obtained. Pour out the **iTe SLURRY[®]** into a paint tray and apply a thin film onto the **VAPORiTe +PLUS[®]** by rolling the entire surface with a lambswool roller at a rate of 165g/m² or 175m²/30kg bucket. Allow to dry before applying **LEVELiTe[®]** to the slurried surface as per instructions set out in the relevant data sheets. Test the dryness of the **iTe SLURRY[®]** by scratching the rough surface. No slurry should come off.

2.4 STEP 4:

LEVELiTe F30[®] - self levelling floor screed is then applied over the slurry at the set rate determined by the QS specification for the relevant job. 5mm thickness is a highly recommended thickness to even out most imperfections and undulations in the relevant substrate. **LEVELiTe F30[®]** is applied by screeding rake and immediately rolled with a spiked roller to smoothen out surface and to eliminate trapped air bubbles.

2.5 STEP 5:

For vinyl planks (LVT) use **GRIPiTe V50[®]** - LVT Adhesive in accordance with the specification set out by the relevant datasheet. Apply **GRIPiTe V50[®]** - LVT Adhesive with an A1 or A2 notched trowel. Allow the glue to become tacky prior to installing the vinyl flooring planks.

2.6 STEP 6:

Install vinyl floor covering.

For any further information please contact **iTe Products**
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