

# LEVEL *iTe* F100<sup>®</sup>

MICRO FINISH

## DATA SHEETS

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# 1. TECHNICAL DATA

## 1.1 DESCRIPTION

**LEVELiTe<sup>®</sup>F100** is a Micro Finish rapid setting high strength floor levelling and smoothing compound which is applied by trowel to skim rough surfaces. **LEVELiTe<sup>®</sup>F100** can be applied at a thickness of 25 microns or more. It has been specifically formulated for smoothing a variety of porous rough or uneven sub-floors, a wide variety of non-porous substrates such as ceramics and bonded epoxy coatings, prior to the application of resilient floor coverings, such as vinyl, cushion vinyl, LVT's, stick-down carpets and laminated and engineered wood. **LEVELiTe<sup>®</sup>F100** will typically be ready for flooring installation within 15 minutes after application. NB this curing time is dependent on localised conditions.

## 1.2 SURFACE PREPARATION

*NOTE: For internal use only due to the inability to control environmental factors such as wind or heat. It is recommended that direct to ground sub-floors be protected from rising damp to prevent dimensional changes in the floor covering (confirm the maximum permissible moisture content that the floor covering or adhesive can tolerate). **LEVELiTe<sup>®</sup>** is resistant to rising moisture and should not swell or delaminate if exposed to reasonable moisture. Standard European practice has evolved that when vinyl flooring is to be installed, the surface bed is to be sealed with an epoxy moisture barrier, or similar. **VAPORiTe +PLUS<sup>®</sup>** epoxy moisture barrier system has been specifically developed for this purpose. Please refer to the **VAPORiTe +PLUS<sup>®</sup>** data sheet. The surface must be hard, sound, dry and free of dust, dirt and other materials such as grease, oil and paint.*

*All contaminants which can act as a barrier to effective bonding between the substrate and the smoothing compound must be completely removed mechanically. Solvent based adhesive removers are not recommended.*

*Concrete substrates must be sound, free of oils or wax, clean and dry. Unsound previously applied smoothing compounds must be removed.*

*Adhesive residues on concrete must first be evaluated to establish that they are well bonded, totally dry and hard. (Any shininess is indicative that they are still flexible). If these conditions are not met, the adhesive must be mechanically ground off. **LEVELiTe<sup>®</sup>F100** can be applied over these adhesive residues if the above circumstances are in accordance with the requirements.*

*To promote adhesion on non-porous surfaces such as ceramics, **iTe SLURRY<sup>®</sup>** should be applied with a mohair roller and allowed to dry.*

*Due to its flow characteristics, sealing strip should be placed at doorways or where the screeding compound is not desired.*

## 1.3 PRIMING

***BONDiTe<sup>®</sup>** primer must be used as a primer before the application of **LEVELiTe<sup>®</sup>**. Power-floated floors, epoxy coated floors and ceramic tiles it is necessary to prime with **iTe SLURRY<sup>®</sup>**. When the slurry is dry, apply **LEVELiTe<sup>®</sup>F100** onto the primed surface. This may slow down the drying.*

## 1.4 MIXING

*Use 5.0 litres of water per 17 Kg bag of **LEVELiTe<sup>®</sup>F100**. For small applications do not exceed 1 litre of water per 3kg of **LEVELiTe<sup>®</sup>F100**. Add the powder to the required amount of clean cool water in a clean mixing container whilst using a +/- 600 RPM electric paddle mixer until a lump-free mortar is obtained. This*

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will take approximately 4 minutes. Scrape the inside of the mixing vessel to allow any unmixed product to fall into the mixed mortar. Briefly remix for another 30 seconds before discharging onto the primed floor. Mixed **LEVELiTe<sup>®</sup> F100** should be applied within 15 minutes at 20°C. This time will be extended under colder conditions and shortened under higher temperatures. **DO NOT OVERWATER.**

If a thin film starts to form on the unapplied product, remix to remove any lumps.

## 1.5 APPLICATION

**LEVELiTe<sup>®</sup> F100** should be spread over the substrate with a steel plastering trowel or squeegee, the first pass to obtain mechanical binding to the substrate, followed by a smoothing pass.

The final thickness will be dependent on the roughness of the substrate and the desired final finish. Feather the product to the required thickness.

## 1.6 THICKNESS

**LEVELiTe<sup>®</sup> F100** can be applied to a minimum thickness of approximately 25 microns to a maximum of 10mm in a single application.

It can also be used to create transitions between levels.

Application thickness should be to achieve the best final appearance.

## 1.7 COVERAGE

Approximately 1,6g of **LEVELiTe<sup>®</sup> F100** per 1mm thickness per m<sup>2</sup>. For example, one 17 Kg bag of **LEVELiTe<sup>®</sup> F100** will give enough material to cover approximately 11m<sup>2</sup> at a thickness of 1mm.

NOTE: The coverage figure is based on a relatively flat, even surface. Additional material should be allowed for where the surface is rough and uneven.

## 1.8 TECHNICAL DATA

Pot life: 20 minutes

Mixing water required: 5 litres per bag

Initial Set: 10 to 15 minutes

Pack Size 17Kg

## 1.9 GENERAL

All data given was tested at a room temperature of 20°C and 50% humidity. Please be aware that the drying may alter under different conditions to that of the testing laboratory. The applicator will need to adjust his work method to accommodate any changes. When applying **LEVELiTe<sup>®</sup> F100** close doors and windows to minimise drafts and air movement, which may cause excessive evaporation during setting. Once the **LEVELiTe<sup>®</sup>** is trafficable, open the windows to allow the moisture build up in the atmosphere to equalise.

## 1.10 WARRANTY

**LEVELiTe<sup>®</sup> F100** is guaranteed to be free of any manufacturing defect. **iTe PRODUCTS** further warrants that if **LEVELiTe<sup>®</sup> F100** is applied in accordance with the relevant method statement issued for the specific project, by an approved applicator, the system is guaranteed for the life of the floorcovering.

## 1.11 WARNING

Do not ingest. Keep away from children and pets. Do not empty into drains. Wear rubber gloves, and in the event of contamination, rinse thoroughly with cold water. Seek medical advice if irritation or discomfort persists. For further information, consult the relevant health and safety data sheet.



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## 1.12 GREEN BUILDING COUNCIL VOC REQUIREMENTS

**LEVELiTe<sup>®</sup> F100** contains no Volatile Organic Compounds and therefore is totally compliant with all relevant requirements to be classed as “green”. The standard short report, theoretical VOC content declaration and VOC confirmation notice is available on request or can be downloaded from our website— [www.iteproducts.co.za](http://www.iteproducts.co.za).

## 1.13 IMPORTANT NOTICE

The information supplied in our literature or given by our employees is given in good faith. We reserve the right to update this information at any time without prior notice. We guarantee the consistent high quality of our product, however we have no control over site conditions or execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

## 2. MATERIAL SAFETY DATA

### 2.1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Name of substance/preparation:

Commercial product name:.....**LEVELiTe<sup>®</sup>F100**

#### 2.1.1 USE OF SUBSTANCE / PREPARATION

Industrial/Commercial.

Used for: Levelling of floors

All other areas of application to be agreed with the Application Engineering/Technical Marketing Department of the manufacturer.

#### 2.1.2 COMPANY NAME

Manufacturer/distributor:.....iTe Products (Pty) Ltd

Street:.....7 Clarke Street South

State/postal code/city:.....Alrode, 1451

Telephone:.....+27 11 864 4918

Telefax:.....+27 11 864 2123

Information about the Safety Data Sheet:.....+27 11 864 4918

eMail:.....info@iteproducts.co.za

### 2.2 HAZARDS IDENTIFICATION

#### 2.2.1 CLASSIFICATION

Classification (67/548/EEC, 1999/45/EC):

R-Phrase Description – irritant to eyes

This product is not a dangerous preparation within the meaning of Directive 1999/45/EC.

#### 2.2.2 LABELLING

Labelling (67/548/EEC, 1999/45/EC):

R-Phrase Description – 36/38 Irritant to eyes

S-Phrase Description

#### 2.2.3 FURTHER HAZARDS TO HUMAN AND ENVIRONMENT:

The product does not have any further hazards

### 2.3 COMPOSITION/INFORMATION ON INGREDIENTS

#### 2.3.1 CHEMICAL CHARACTERIZATION:

Mixture

#### 2.3.2 DESCRIPTION:

Mixture of cement and sand mixture with other non hazardous additions

### 2.4 FIRST-AID MEASURES



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## 2.4.1 GENERAL INFORMATION:

*Under ordinary workplace conditions: No special measures required*

## 2.4.2 AFTER CONTACT WITH THE SKIN

*Wash with plenty of water or water and soap.*

*First-aid measures cont.*

## 2.4.3 AFTER CONTACT WITH THE EYES

*Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.*

## 2.4.4 AFTER SWALLOWING

*If conscious, give several small portions of water to drink. Do not induce vomiting. In cases of sickness seek medical advice (show label if possible).*

## 2.4.5 ADVICE FOR THE PHYSICIAN

*Due to its physical properties, may cause mechanical irritation. Product may agglutinate in the gastrointestinal tract. Medical assistance should be sought. Depending on the symptoms, invasive measures may be necessary.*

## 2.5 FIRE-FIGHTING MEASURES

### 2.5.1 SUITABLE EXTINGUISHING MEDIA

*Water spray , water mist , extinguishing powder, foam , carbon dioxide .5.2 Extinguishing media which must not be used for safety reasons*

*Water jet .*

### 2.5.2 SPECIAL EXPOSURE HAZARDS ARISING FROM THE SUBSTANCE OR PREPARATION ITSELF, COMBUSTION PRODUCTS, RESULTING GASES

*No further relevant information available*

### 2.5.3 SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING

*No further relevant information available*

## 2.6 ACCIDENTAL RELEASE MEASURES

### 2.6.1 PERSONAL PRECAUTIONS

*Wear a dust mask*

### 2.6.2 ENVIRONMENTAL PRECAUTIONS

*Do not allow to enter into sewer, drainage or potable water systems*

### 2.6.3 METHODS FOR CLEANING UP

*Take up mechanically and dispose of according to local/state/federal regulations.*

### 2.6.4 FURTHER INFORMATION:

*Observe notes under section 7 with regards to safe handling*

*Observe section 8 for information on personal protective equipment.*

## 2.7 HANDLING AND STORAGE

### 2.7.1 HANDLING

*Precautions for safe handling:*

*Avoid dust formation.*

*Precautions against fire and explosion:*

*No special measures required*

## **2.7.2 STORAGE**

*Conditions for storage rooms and vessels:*

*No special measures required*

*Advice for storage of incompatible materials:*

*not applicable .*

*Handling and storage continued..*

*Further information for storage:*

*not applicable .*

## **2.8 EXPOSURE CONTROLS AND PERSONAL PROTECTION EQUIPMENT**

### **2.8.1 EXPOSURE LIMITS**

### **2.8.2 EXPOSURE LIMITED AND CONTROLLED**

### **2.8.3 EXPOSURE IN THE WORK PLACE LIMITED AND CONTROLLED**

*General protection and hygiene measures:*

*Do not breathe dust. Do not eat when handling.*

*Personal protection equipment*

*Respiratory protection*

*In case of dust formation: fine dust mask without protection rating .*

*Eye protection*

*Recommendation in case of dust formation: tight fitting protective goggles .*

*8.2.2 Exposure to the environment limited and controlled*

*Prevent material from entering surface waters and soil.*

## **2.9 PHYSICAL AND CHEMICAL PROPERTIES**

### **2.9.1 GENERAL INFORMATION**

*Physical state / form.....: solid - powder*

*Colour .....: grey - brown*

*Odour .....: odourless*

### **2.9.2 IMPORTANT INFORMATION ABOUT THE PROTECTION OF HEALTH, SAFETY AND THE ENVIRONMENT**

*Property: Value: Method:*

*Melting point / melting range .....: not applicable*

*Boiling point / boiling range .....:not applicable*

*Flash point.....: not applicable*

*Auto-ignition temperature.....: product is not self-igniting*

*Lower explosion limit (LEL) .....: not applicable*



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Vapour pressure.....: not applicable  
Bulk density.....: 1300-1500 kg/m<sup>3</sup> (DIN EN ISO 60)  
Water solubility / miscibility.....: Insoluble sets in water  
pH-Value .....: 11  
Viscosity (dynamic) .....: not applicable

## **2.10 STABILITY AND REACTIVITY**

### **2.10.1 GENERAL INFORMATION:**

*If stored and handled in accordance with standard industrial practices no hazardous reactions are known.*

### **2.10.2 CONDITIONS TO AVOID**

*none known .*

### **2.10.3 MATERIALS TO AVOID**

*none known .*

### **2.10.4 HAZARDOUS DECOMPOSITION PRODUCTS**

*If stored and handled properly: none known . At increased temperature: acetic acid .*

## **2.11 TOXICOLOGICAL INFORMATION**

### **2.11.1 GENERAL INFORMATION:**

*According to our present state of knowledge no damaging effect expected when treated in accordance with standard industrial practices and local regulations where applicable.*

### **2.11.2 TOXICOLOGICAL TESTS**

*Acute toxicity*

*Primary irritation:*

*Eyes: irritating effect*

*Sensitization:*

*no sensitizing effects known*

*Further information:*

*The product shows the following aspects:*

*Irritant*

## **2.12 ECOLOGICAL INFORMATION**

### **2.12.1 ECOTOXICITY**

*No expected damaging effects to aquatic organisms.*

*Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition):*

*According to current knowledge adverse effects on water purification plants are not expected.*

### **2.12.2 MOBILITY**

*No further relevant information available*

### **2.12.3 BIO-ACCUMULATION POTENTIAL**

*No adverse effects expected.*



#### 2.12.4 OTHER HARMFUL EFFECTS

#### 2.12.5 ADDITIONAL INFORMATION

General information:

### 2.13 DISPOSAL CONSIDERATIONS

#### 2.13.1 MATERIAL

Do not allow product to reach sewerage system

Disposal should be in accordance with local, state or national legislation.

Mix product residue with water, allow to harden and dispose of as construction waste

#### 2.13.2 UNCLEANNED PACKAGING

Recommendation:

Completely discharge packaging. Paper packaging may be recycled

### 2.14 TRANSPORT INFORMATION

#### 2.14.1 LAND TRANSPORT ADR AND RID

Road ADR:

Valuation .....: Not regulated for transport

Railway RID:

Valuation .....: Not regulated for transport

#### 2.14.2 TRANSPORT BY SEA IMDG-CODE

Valuation .....: Not regulated for transport

Marine Pollutant .....: no

#### 2.14.3 AIR TRANSPORT ICAO-TI/IATA-DGR

Valuation .....: Not regulated for transport

### 2.15 REGULATORY INFORMATION

#### 2.15.1 NATIONAL REGULATIONS

National and local regulations must be observed.

For information on labelling please refer to section 2 of this document.

### 2.16 OTHER INFORMATION

#### 2.16.1 MATERIAL

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.

#### 2.16.2 FURTHER INFORMATION:

Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version. This version supersedes all previous versions.

## 3. METHOD STATEMENT

### 3.1 BASIC LEVELiTe APPLICATION

#### 3.1.1 THICKNESS & USAGE

**LEVELiTe<sup>®</sup>F100** is a Micro Finish levelling and smoothing compound which can be applied from approximately 100 microns thick to a maximum of 10mm in a single application. Because it is trowel applied, and retains its consistency, it can be used to create “ramped” surfaces between different screed surface levels. Approximately 1.5 kg of **LEVELiTe<sup>®</sup>** per mm per m<sup>2</sup> will be required. **BONDiTe<sup>®</sup>** must be used as a primer onto the concrete substrate to prevent air bubbles from rising once the **LEVELiTe<sup>®</sup>** is applied, to ensure a good bond between the surfaces. **BONDiTe<sup>®</sup>** is applied at an average of 4m<sup>2</sup> per litre. **LEVELiTe<sup>®</sup>F100** is available in 17kg bags. **BONDiTe<sup>®</sup>** is available in 5 & 25Litre Plastic Containers.

#### 3.1.2 PREPARATION

Prior to applying **LEVELiTe<sup>®</sup>F100** Smoothing Compound, it is important to determine that the substrate is sound (cracks are often an indication of delamination between the slab and cement sand screeds, and it is advisable to tap the screed at regular intervals and listen for hollow sounds which indicate poor inter-coat adhesion), dry, ie less than 5%MC (Verify the maximum permissible screed moisture level of the floor covering to be installed, and that screed moisture tests indicate suitability, free of contaminants and dust.

**LEVELiTe<sup>®</sup>** is resistant to moisture, and will not expand or delaminate when exposed to reasonable levels of screed moisture.

NOTE: For internal use only. It is recommended that direct to ground sub-floors be protected from rising damp to prevent dimensional changes in the floor covering (confirm the maximum permissible moisture content that the floor covering or adhesive can tolerate). Standard European practice has evolved that when vinyl flooring is to be installed, the substrate is to be sealed with an epoxy moisture barrier, or similar.

**VAPORiTe +PLUS<sup>®</sup>** epoxy moisture barrier system has been specifically developed for this purpose.

Should hollow areas be found, this is best rectified by establishing the affected area, cutting a border around the area with an angle grinder, removing the loose screed and filling the area with **PATCHiTe<sup>®</sup>** Rapid Set Patching Compound.

Any large holes or saw cut joints should be patched or filled by pouring mixed **PATCHiTe<sup>®</sup>** into them and trowelling the surface flush with the adjacent surfaces. Commence with the application once the **PATCHiTe<sup>®</sup>** is dry. Where expansion joints are encountered, it is important to honour these and establish the end client’s finish specification to ensure compliance with technical slab movement requirements.

Assess the access area where the **LEVELiTe<sup>®</sup>** is to be mixed and if necessary, place protective plastic sheeting on the ground to prevent cement dust contamination. When the job is complete, it should be clean and tidy, as it was found.

#### 3.1.3 PRIMING

The screed must be primed with **BONDiTe<sup>®</sup>** primer and bonding agent, using a lamb’s wool roller or brush, making sure that the entire surface is well coated. The **BONDiTe<sup>®</sup>** seals the concrete pores and promotes the smooth flow of the levelling compound while preventing air bubbles rising through the applied **LEVELiTe<sup>®</sup>F100**.



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At this point it is advisable to install sealing strip to doorways and places where the compound is to end. Non-absorbent substrates such as power-floated concrete, ceramic or porcelain tiles must first be primed with **iTe SLURRY<sup>®</sup>** which is brushed on with a broom or stiff brush and allowed to dry

### 3.1.4 MIXING

Use 5.0 litres of water per 17 Kg bag of **LEVELiTe<sup>®</sup>F100**. For small applications do not exceed 1 litre of water per 3kg of **LEVELiTe<sup>®</sup>F100**. Add the powder to the required amount of clean cool water in a clean mixing container whilst using a +/- 600 RPM electric paddle mixer until a lump-free mortar is obtained. This will take approximately 4 minutes. Scrape the inside of the mixing vessel to allow any unmixed product to fall into the mixed mortar. Briefly remix for another 30 seconds before discharging onto the primed floor. Mixed **LEVELiTe<sup>®</sup>F100** should be applied within 15 minutes at 20°C. This time will be extended under colder conditions and shortened under higher temperatures. **DO NOT OVERWATER.**

### 3.1.5 APPLICATION

As a screed smoothing compound, **LEVELiTe<sup>®</sup>F100** is applied with a steel plasterer's trowel. The initial application is conducted by scraping the mixture into the substrate to promote good adhesion. The smoothing of the mixture is then undertaken with the steel trowel, spreading the compound over the surface until an even, smooth appearance is obtained.

The compound dries very rapidly and due care must be taken to try to eliminate any trowel ridge marks before setting starts.

### 3.1.6 GENERAL

In order to maintain a constant even drying process, windows should be closed and drafts avoided.

**LEVELiTe<sup>®</sup>F100** is very quick drying, and flooring can typically be installed on it approximately 2 hours after application. Please note that this dependent on localised atmospheric and site conditions. In wet weather, for example, this drying time may be extended.

All supplied data is based on laboratory tests conducted at 20°C, and a relative humidity of 50% as required by international standards. Based on practical building site conditions, temperatures should be between 10°C and 30°C. When higher temperatures are experienced, the drying will accelerate and allowance for this needs to be made by the applicator. Actual conditions experienced may result in slightly different results.

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## 3.2 APPLYING LEVELITE OVER TILES

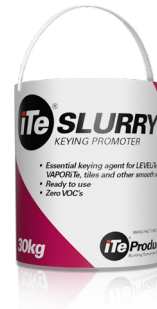
### 3.2.1 PRECAUTIONS

- **LEVELiTe<sup>®</sup>** can be applied over existing ceramic or porcelain tiled floors. Certain precautions need to be taken before proceeding:
  - Check soundness and hollowness of tiles – remove and hollow sounding or loose tiles and apply **BONDiTe<sup>®</sup>** and then **PATCHiTe<sup>®</sup>** to fill void as per standard **PATCHiTe<sup>®</sup>** application methodology.
  - Check for moisture – moisture exceeding flooring covering specification must be dealt with by applying **VAPORiTe<sup>®</sup> +PLUS** moisture barrier as per **VAPORiTe<sup>®</sup> +PLUS** installation specification.
  - Check that the tiles are not coated with a sealer which could cause lack of proper adhesion. If so, the sealer must be stripped prior to proceeding.
  - Check that the tiles are not contaminated by oils or any materials which may hinder proper adhesion.
- Should moisture not be an issue **iTe SLURRY<sup>®</sup>** is applied as shown below.

### 3.2.2 INSTALLATION

#### STEP 01

Pour the **iTe SLURRY<sup>®</sup>** onto the tiles and apply a thin, even coat with a mohair roller as shown in the photo below.



#### STEP 02

Allow the slurry to harden and dry.



#### STEP 03

Apply **LEVELiTe<sup>®</sup>** Self levelling compound (F10, F30 or F50) onto floor as per standard **LEVELiTe<sup>®</sup>** application methodology.

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Allow the floor to cure and install the floor covering 12 hours later, using the appropriate **GRIPiTe<sup>®</sup>** adhesive.

**NOTE:** When priming with **BONDiTe<sup>®</sup>** over old ceramic tile adhesive, please ensure that the old adhesive is properly sealed, even applying a second coat, due to the porosity of the adhesive and the tendency for air to escape during curing, causing pinholes in the dry **LEVELiTe<sup>®</sup>**.

## 4. THEORETICAL (VOC) CONTENT

### 4.1 PRODUCT:

**LEVELiTe<sup>®</sup>F100** Micro Finish Floor Levelling Screed Smoothing Compound

### 4.2 ABBREVIATIONS

S.G. = Specific Gravity

g/ml = grams/millilitre

g/l = grams/litre

### 4.3 FORMULAS

Sum of VOC's in Sealer/Primer formulation = VOC %

VOC (g/l) = VOC % x S.G. x 10

**4.4 S.G. (g/ml) = 1.00g/ml**

**4.5 VOC % = 0%**

**4.6 VOC (g/l) = 0 x 1.00 x 10 = 0g/l**

Maximum VOC content (Specified by Green Building Council of South Africa): 50g/l

Peter Funke

Product Development Manager

## 5. SHORT REPORT VOC

31 March 2015

### **Short Report: Product LEVELiTe F100 Micro Finish Floor Screed**

iTe Products **LEVELiTe<sup>®</sup>F100** Micro Finish Smoothing and levelling Floor Screed Compound meets the Green Building Council of South Africa's credit criteria for the following reasons:

Maximum VOC allowable (gms/litre) 50g/l

**LEVELiTe<sup>®</sup>F100** 0g/l

*This is based on the fact that the product contains no organic solvents.*

*I declare the above information to be correct*

Signed:



Shaun Van Heerden

## 6. VOC CONFIRMATION NOTICE

7 August 2014

To: All interested Parties

Dear Sir/Madam,

**Re: GBCSA requirements for VOC levels in flooring adhesives, sealers and primers**

We hereby confirm that **LEVELiTe® F10, F30, F50 and F100** Self Levelling Floor Screed Compounds as manufactured by iTe Products (Pty) Ltd comply with the GBCSA requirements in respect of permissible VOC levels in flooring adhesives, sealers and primers.

The attached Short Report, VOC Datasheet and this signed letter provides the necessary supporting documentation required as per page 107 of the GBCSA Technical Manual.

The Flooring Contractor must provide written confirmation that **LEVELiTe F10, F30 or F50** is to be used in the installation of the floor covering.

Should there be any questions or queries, please contact the writer at 082 772 9137 or via e-mail at [sales@iteproducts.co.za](mailto:sales@iteproducts.co.za)

Yours faithfully,



Shaun Van Heerden



## 7. WARRANTY

**iTe PRODUCTS** warrants that **LEVELiTe<sup>®</sup> F100** is manufactured to comply with international EN standards for P2 and P3 class self levelled screeds in respect of Flow determination, setting time, Drying Kinetics, and compressive strength.

**LEVELiTe<sup>®</sup> F100** is compliant with EN expansion and shrinkage standards, is resistant to substrate moisture levels below 5% screed moisture, and will not expand or delaminate. It will also not powder or soften.

**LEVELiTe<sup>®</sup> F100** self-levels to an end finish compliant with SANS 10070:2007, provided the thickness of application allows the elimination of deviations. The surface hardens to >40mPA, and is suitable for castor traffic, high point loadings and light vehicular traffic. **LEVELiTe<sup>®</sup> F100** is typically recommended for use in residential, commercial, light industrial and health-care applications, provided the sub-base is of a suitable quality.

This warranty is based on the substrate being sound, dry and free of contamination. All applications are to be carried out in strict compliance with the method statement as issued. The warranty is dependent on all the above conditions being conformed with, including a signed compliance confirmation from the applicator.

**LEVELiTe<sup>®</sup> F100** is guaranteed not to delaminate, break up or deteriorate under a vinyl floor covering for the life of the floorcovering itself, provided that it is applied on a sound substrate in accordance with our specifications as indicated above.

**iTe PRODUCTS** further warrants that the products are manufactured to strict quality control standards and that the products supplied are free of defect.



## 8. SUGGESTED SPECIFICATION

Apply \_\_\_\_\_m<sup>2</sup> **LEVELiTe® F100** Micro Finish self-levelling compound system in accordance with the manufacturer's specifications to a thickness of \_\_\_\_\_mm after priming with **BONDiTe®** primer.