PRODUCT DESCRIPTION:

LevelTop LevelQuick is a polymer and Portland cement-based underlayment for resurfacing concrete floors. **LevelTop LevelQuick** is installed over interior concrete subfloors to provide level and smooth floors for retail, commercial, light manufacturing areas and all areas requiring a hard, smooth, flat concrete surface. It is the ideal for thin and thick application over concrete. **LevelTop LevelQuick** dries very fast to keep the job on schedule and allows placement of floor goods soon after application.

USES:

ON THE JOB FOR A SUPER FAST SET AND SMOOTH, LEVEL FLOORS

- New or old construction
- Levels entire floors, featheredge to deepfill
- Resurfaces old damaged concrete floors
- Up to 49 MPa, hydraulic cement
- Water resistant
- Caps cracked, lightweight concrete
- Installs above, on or below grade
- Fills "duck ponds" in concrete floors
- No troweling required
- Provides a temporary wear surface in as little as two to four hours after application
- Experienced, authorized applicators all over India
- Exceeds standards set by leading floor goods manufacturers
- Can be used in any continuous pumping machine
- Contains recycled products

YOUR PROVEN PARTNER PROJECT SUCCESS

LevelTop LevelQuick levels, smooth and repairs, all with superior speed and a high-strength set. It's the superior solution for 0-10 mm thin-topping applications. Ideal for thin or thick topping applications over concrete, **LevelTop LevelQuick** dries fast to keep your job on schedule, and to allow for placement of floor goods soon after application.

POUR ON THE SPEED AND EFFICIENCY

LevelTop LevelQuick lets you cover a lot of floor in amazingly little time, and it conveniently pumps in to save on labor and cleanup. It installs from a featheredge to 10mm thickness in just one, easy pour. Ceramic tile can be thin set within 2 to 4 hours. Other floor goods can be installed once **LevelTop LevelQuick** passes a moisture test.

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LevelTop LevelQuick TECHNICAL DATA

Compressive Strengths: **Modified ASTM C 109**	Typical: 2 N/mm^2 in 2 hrs 14 N/mm^2 in 4 hrs 30 N/mm^2 in 1 day 49 N/mm^2 in 28 days
Dry Density:	Approx. 1922-2003 kg/m³
Tensile Strength: **ASTM C**	810 PSI (6 MPa) (28 Days)
Flexural Strength: **ASTM C 348**	1250 PSI (9MPa)
Colour:	Gray and white
Thickness:	0-10mm
Coverage:	1.00-1.20ft^2/kg/6mm thk
Packing:	25 kg bag

APPLICATION DATA:

Installation

Preparation — Concrete subfloors must be fully cured, moisture free, and have no efflorescence. The substrate surface shall be clean, dust and contaminant free. Cracks should be filled with a crack filler, Multiflex AC/ CrackFix. Plumbing or electrical penetrations should be packed with insulation and sealed.

Subfloor — All subfloors must be structurally sound, solid, free of dirt, mud, dust, grease, curing and sealing compounds, and other contaminating factors. All subfloors must be dry and a minimum of 10 °C. Mechanically clean the surface by shotblasting or scarifying. Shotblast to an IRCI Concrete Surface Profile 5 (CSP 5). On wooden floors a slipsheet must be used with galvanized metal lath. All cracks in the subfloor should be repaired to minimize telegraphing through the underlayment.

Priming — To promote proper hydration and to ensure a solid bond, the subfloor must be coated with Multichem Floor Primer. **LevelTop LevelQuick** should not be poured without first priming the subfloor.

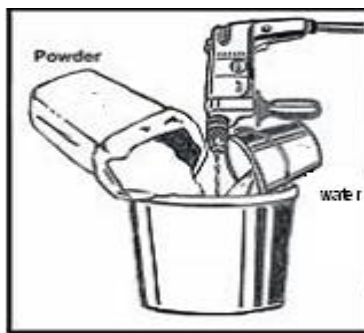Mixing — The **LevelTop LevelQuick** should be mixed using Multichem-approved pumping equipment.

Testing — For **LevelTop LevelQuick**, field testing must be performed in accordance with modified ASTM C 109M. Before independent sampling, contact the Multichem quality control department to ensure that proper procedures are followed.

Limitations
1. Do not pour **LevelTop LevelQuick** where the floor temperature is less than 10 °C or greater than 38°C.

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2. Protect the poured mortar from wind and sun, and from freezing temperatures for the first 72 hours.

3. The structural subfloor and floor joist must comply with manufacturers' maximum span criteria. Typically a deflection limitation of L/360 is adequate for Multichem Underlayment. Some floor coverings such as marble, stone, travertine, and ceramic tile may require a stiffer floor system. Multichem Underlayments are non-structural and therefore cannot be expected to reinforce structurally deficient subfloors. The general contractor, architect, specifier, or building owner should make necessary allowances for expected live, concentrated, impact, and/or dead loads including the weight of finished floor goods and setting beds.

4. During construction, place temporary wood planking over the underlayment wherever it will be subjected to heavy wheeled or concentrated loads.

5. **LevelTop LevelQuick** is for interior use only; it is not a wearing surface.

6. **LevelTop LevelQuick** will not structurally bridge over expansion joints, saw cuts or structural cracks. They should be allowed to continue through the **LevelTop LevelQuick**. The architect or structural engineer must specify expansion joints and show their location in areas that will receive hard surface floor goods, such as ceramic or marble tile and hardwood flooring.

7. For deeper fills, call Multichem for application procedures.

8. For applications other than those over structural concrete call Multichem for application procedures.

9. Multichem Underlayments are "breathable" and not a vapor barrier. The general contractor, architect, specifier, or building owner shall test slabs-on ground or elevated slabs for MVER (ASTM F1869- 09) or RH (ASTM F2170). If the MVER or RH of the concrete substrate exceeds the floor covering manufacturer's respective requirements for the finished flooring system, the concrete must be treated with a moisture barrier, such as Multiguard DPM, before installation of a Multichem Underlayment.

CLEANING:

All tools should be cleaned with water immediately after use.

STORAGE:

Store in dry, frost-free conditions at moderate temperatures not greater than 25 °c.

WARRANTY

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Multichem warrants LevelTop products to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the removal or installation of LevelTop Products.

Because the Multichem does not perform the actual installation, it cannot be held responsible for the results of the application. Multichem specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.

This warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Multichem part. Multichem neither assumes nor authorizes any person to assume for Multichem any liability in connection with the sale and installation of LevelTop products.

Because of constant improvement of manufacturing techniques and formulations, Company reserves rights to change this datasheet and its contents without prior notice.

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