



MICROTOP®

High Performance Resurfacing Mix for Floor & Wall

PRODUCT DESCRIPTION:

Microtop® is a polymer and Portland cement-based topping for resurfacing concrete floor & wall. Microtop® is installed over interior, exterior concrete subfloors to provide level and smooth floors for retail, commercial, light manufacturing areas and all areas requiring a hard, smooth, flat concrete surface. Microtop is coated with a Realcrete® approved sealer such as Aquathane® or Clearseal® just 8 hours after installation except when an epoxy or other floor covering will be installed.

FEATURES AND BENEFITS:

-) High strength
-) High fluidity for fast installation
-) Remains workable for over 30 minutes with slight agitation
-) Trowable
-) Low in-place cost
-) Non-shrinking
-) Highly durable to resist gouging from construction activity

USES:

Microtop® is suitable for installation of fully bonded, thin-sectioned layers of up to 1/16" each. Use Microtop® for interior or exterior restoration including: hotels, casinos, restaurants, food service areas in malls and retail shops, as well as residential applications. Microtop® is available in two grades, RG, regular grade, and SG, Smooth Grade. Because Microtop® RG dries to a semi-rough texture, it is perfect for use around pool decks and other exterior applications where slip resistance is a concern. Microtop® RG can be applied in more than one layer. If a smoother look is desired, the final layer can be applied using Microtop® SG. Microtop® is mixed on-site for ease of application. It is available in a white or standard gray mix, combined with water to get workable slurry.

When the topping has cured, it may be colored or stained with REALCRETE® Staincrete systems, Overlaycrete, or REALCRETE® Freestyle. In addition, the topping should be sealed with a Clearseal® Sealer.

- Creates A New Surface
- Can Be Colored & Stained
- No Primer Required
- Available In White & Grey



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MICROTOP /2017/R0-2017



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MICROTOP® TECHNICAL DATA:

Description	Value
Packaging:	25 kg
Working time:	30 minutes @ 28 °C
Color:	White and Gray
Compressive strength (modified ASTM C109)	3 day...1470 psi (10 MPa) 7 day...5000 psi (34 MPa)
Coverage:	300-350ft ² /25kg bag
Tensile strength (ASTM C348)	28 day....720 psi.... (5 MPa)
Flexural strength (ASTM C190)	28 day....1440 psi.. (10 MPa)

APPLICATION DATA:

PRODUCTS REQUIRED:

1. BONDCOAT® AC as a bonding coat between substrate and Microtop®
2. MICROTOP® RG or SG
3. REALTINT for colouring of MICROTOP®
4. ReleaseKote Power or ReleaseKote Liquid for Stamping if required
5. CLEARSEAL-S, ClearSeal PolyThane, AquaThane® for sealing of surface
6. Verticle/Horizontal Stamping/Finishing Tools

DIRECTION FOR USE:

Preparation:

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 50 °F (10 °C). Mechanically clean the surface by shotblasting or scarifying. Shotblast to an ICRI 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 Microtop®.

Installation Methods:

Microtop® can be installed from a featheredge to 1/16" (1.25 mm). Deeper areas can be poured in multiple lifts or prefilling with stone per manufacturers recommendations.

The surface of the Microtop® must always be protected from oil, salt, water and surface wear by applying a Realcrete® approved protection system such as a waterborne sealer. This is done 4-6 hours after installation of Microtop.



Decorative Concrete System

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For epoxy or seamless flooring installations over Microtop®, the manufacturer and installer of the flooring will be responsible for compatibility, bond test patches, installation recommendations and warranty. Because Realcrete® does not perform the actual Microtop® installation, they cannot be held responsible for the results of epoxy or seamless flooring over Microtop®.

STORAGE:

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

WARRANTY

Multichem warrants Microtop® 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 Microtop®.

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 Microtop®.

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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