



Innovative & Decorative Concrete Technology

Hi-Crete Decorative Systems Pvt. Ltd.

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Method Statement Microtopping Treatment

Micro Topping Is A Cementious Polymer Based Thin Base Smooth Overlay System. It Can Be Used With Integral Colors Or With Different Types Stains To Achieve Desired Look.

Sub Base Requirement:

(Providing Required Sub Base Is In Client's Scope)

This Treatment Requires To Be Done Only On Any Strong, Stable, Levelled Surface.

It Could Be:

- Concrete / Trimix Surface
- Tiled Surface

Material Required:

(In The Scope Of Hicrete Systems)

- 1 Waterbased Epoxy Primer (Resin + Hardener)
- 2 Epoxy (Resin + Hardener)
- 3 Silica Filler / Silica Sand
- 4 Hicrete Resurfacer / Spray Coat Mix Kit
- 5 Hicrete Trowel Top
- 6 Hicrete Color Pigment
- 7 Hicrete Stains (Optional Based On System Proposed)
- 8 Hicrete Epoxy Top Coat Kit
- 9 Hicrete 2K PU WB Clear (Matt / Gloss) Sealer

Tools Required:

- 1 Magic Trowel- 22"
- 2 Sander Machine
- 3 Knotch Trowel
- 4 Spike Roller
- 5 Any Other Mics. Tools

Sub Base Preparation:*(In The Scope Of Hicrete Systems)*

The Existing Surface To Be Scrubbed With Mechanical Orbit Sander To Remove Loosely Bonded Laitance Dust, Dirt, Loose Particles.

In Case Of Tiled Area, Once The Grinding / Sanding Is Completed, Clean The Area By Dry Mopping. Mix & Apply Waterbased Epoxy Primer In 2 Coats.

Once The Primer Is Dried Completely, Mix And Apply The Scratch Coat Of Epoxy (Resin + Hardener) And Broadcast The Silica Up To Rejection.

On The Next Day, Remove The Excess Silica By Vacuuming The Surface.

Now The Area Is Ready For Further Treatment.

Micro Topping Treatment*(In The Scope Of Hicrete Systems)*

Next Day, Remove All The Dirt / Dust From The Floor By Dry Mopping Or Vacuuming.

Mix The Hicrete Resurfacer / Hicrete Spray Coat Mix In Bucket And Apply The Same Using Magic Trowel Evenly On The Surface.

Apply 2 Coats In Similar Manner.

Note:

Apply Coats Only After The Drying Of Previous Coat.

Once All The All The Coats For Hicrete Resurfacer / Hicrete Spray Coat Mix Are Completed, Entire Area's Sanding Is To Be Done With 100 No Polishing Paper.

Note:

Resurfacer Sanding Is To Be Done By Foam Sander Machine Or Sanding By Hand Only. No Hand Grinder To Use. Once The Resurfacer Sanding Is Completed, Remove All The Dirt / Dust From The Floor By Dry Mopping Or Vacuuming.

Mix The Hicrete Trowel Top / Hicrete Micro Top In Bucket And Apply The Same Using Magic Trowel. Apply The 2-3 Coats Of Hicrete Trowel Top / Hicrete Micro Top In Same Manners. (You Can Add A Pigment / Color Pack While Mixing The Microtopping Material)

Note:

You Can Apply The Microtopping Material In Multiple Coats With Different Color Pack / Pigment Pack Dosage While Mixing The Materials To Achieve Cloudy Look.

Sanding Is To Be Done With 100 No. Paper Using Foam Sander Machine Or By Hand Between The Coats And Clear The Dirt And Dust.

Apply The Last Coat Of Hicrete Trowel Top / Hicrete Micro Top In Same Manner.

Epoxy Topping Treatment*(In The Scope Of Hicrete Systems)*

Once The Staining Is Completed And Area Is Completely Dried. You Can Start With Epoxy Topping Treatment.

Mix The Water Based Epoxy Primer Resin + Hardener (Mixing Ratio 2:1) Thoroughly By Mixture Machine And Apply The Same By Roller & Allow It To Dry Completely.

Mix The Clear Epoxy Topping Materials Thoroughly By Mixture Machine And Apply The Same By Hard PU Roller / Knotch Trowel & Allow It To Dry Completely. (You Can Use Spike Roller To Remove Interrupted Air In Laid Materials.)

Sealer Treatment***(In The Scope Of Hicrete Systems)***

Once The Clear Epoxy Is Dried Completely, Normally Overnight, Mix The Hicrete 2K PU WB Sealer Gloss / Matt Thoroughly With Mixture And Apply The Same Using PU Roller In 2 Coats. Apply 2nd Coat Only After 1s Coat Is Completely Dried.

Allow It To Dry.

Light / Foot Traffic Is Allowed After 24 Hrs And Heavy Traffic / Furniture Fixing Is Allowed Only After 72 Hrs.