

**PRODUCT**

**DRY MIX CODEMIX**<sup>®</sup> is a proprietary blend of clean, well graded sand, cement, lime, fillers and admixtures that is engineered to produce top quality finished properties while maintaining good working characteristics for the applicator.

The heart of **DRY MIX CODEMIX** is the clean, well graded sand. Sand represents more than 70% of the base coat mix and can make or break the quality of the mix.

Important issues with the sand are cleanliness, gradation, soundness and strength. Sand that contains coal, soil, ironstone, clay or other materials will be more prone to staining, shrinking or spalling. Sand that is void of important particle size ranges will not pack properly and require more filler particles, cement lime and water. The sand must be sound and strong so as not to break down during handling, application or under attack from normal elements.

**USES**

- Use as first or “scratch coat” in a three-coat stucco system.
- Use as second or “brown coat” in a three-coat stucco system.
- Excellent as a Portland cement plaster basecoat for cementitious or acrylic finish coats.
- Excellent as patching material to repair Portland cement plaster base coats.

When mixed and installed as per instructions, **DRY MIX CODEMIX** will provide the following benefits,

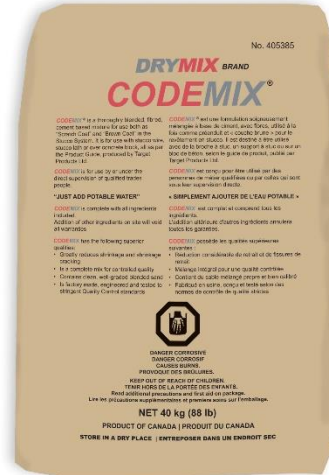
- A hard, abrasion resistant coating that will withstand reasonable impact.
- Resistance to rain penetration, thermal changes and normal environmental experiences.
- Provide sound resistance.
- Provide a non-combustible cladding.
- Fire ratings are achievable and dependent on total system design and installation.

**QUALITIES**

**DRY MIX CODEMIX** has the following superior qualities.

- Meets all National Building Code requirements
- Greatly reduces shrinking and cracking

**NOTICE:** Obtain the applicable **LIMITED WARRANTY** at [www.targetproducts.com/product-warranty](http://www.targetproducts.com/product-warranty) Or send a written request to Target Products Ltd., Five Concourse Parkway, Atlanta, GA 30328, USA. CODEMIX<sup>®</sup> is a trademark of Drymix Systems, Inc., Target Products Ltd. is an authorized licensee. Manufactured by Target Products Ltd. ©2019 Quikrete International, Inc.



- Is a complete mix for controlled quality
- Contains clean, well graded blended sand
- Is factory made, engineered and tested to stringent Quality Control standards

### TYPICAL PROPERTIES

*\* represents typical properties, may vary by site circumstances.*

Sand Qualification	relative tests as per NBC, ASTM C144, CSA A23
Cement	GU Portland
Lime	Type S
* Air content	8 - 12 %
* Compressive strength	13 mpa
Fibres	Alkaline resistant glass or nylon
Stucco weight	approx. 35.16 kg per m <sup>2</sup> or 29.4 kg per sq.yd. @ 19 mm thickness
Sound Transmission	OITC (Outdoor-Indoor Transmission class)
1/3 octave bands from 50 to 5000 Hz.	Taken from NRC/CNRC report NRCC-44764

*Compared to a base wall with vinyl siding attached, a 9.5 mm coating of cement stucco rated a score of 29 compared to 25 for the base wall with vinyl siding. A full thickness wall would increase the benefit for most frequencies.*

### COVERAGE

When mixed as directed and applied to an average thickness of 19 mm (3/4 in), each 40 kg (88 lb) bag of **DRYMIX CODEMIX** will cover approximately 1.14 m<sup>2</sup> (12 ft<sup>2</sup>).

When mixed as directed and applied to an average thickness of 13 mm (1/2 in), each 40 kg (88 lb) bag of **DRYMIX CODEMIX** will cover approximately 1.36 m<sup>2</sup> (14 ft<sup>2</sup>).

### SIZE

**DRYMIX CODEMIX** comes in 40 kg (88 lb) bags packaged 40 bags per pallet.

### STORAGE

Store in a dry place. Keep out of reach of children.

### CAUTION

**ALWAYS USE AN APPROVED DUST MASK WHEN LOADING MIXER WITH DRY MATERIALS.**

When mixed with water, the cement in this product forms a caustic solution of calcium hydroxide. Avoid contact with eyes. Avoid ingestion or inhalation. Wear appropriate clothing when working with **DRYMIX CODEMIX** and avoid contact with skin, or with wet clothing.

**First Aid Treatment:** If splashed in eyes or on skin, flush thoroughly with water. Obtain Medical advice if irritation persists.

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Or send a written request to Target Products Ltd., Five Concourse Parkway, Atlanta, GA 30328, USA.  
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## MIXING INSTRUCTIONS

**ALWAYS USE AN APPROVED DUST MASK WHEN LOADING MIXER WITH DRY MATERIALS.**

**DRYMIX CODEMIX** is complete except for measured amounts of clean potable water. Do not add any other ingredients.

It is important to understand that the **DRYMIX CODEMIX** product is already thoroughly mixed. It mainly requires wetting out.

With mixer running,

- Add 20 litres of clean potable water.
- Add 3 bags of **DRYMIX CODEMIX** (120 kg)
- Add approximately 18 litres of water
- Add 3 bags of **DRYMIX CODEMIX** (120 kg)

For Brown Coat application ONLY; up to 5 kg of base coat sand, meeting the standard of ASTM C144, can be optionally added per 40 kg bag of **DRYMIX CODEMIX**.

When all material is in mixer, mix about 2 to 3 minutes until no dry parts are evident. At this point the mix should be slightly wetter or of higher flow than desired for spreading.

- Stop mixer for 10 to 20 minutes. This will allow the lime to fatten and all other ingredients to absorb the water. Mix will thicken. (Longer is better...lime can require up to 30 minutes to achieve its optimum plasticity.)
- Restart mixer for 1/2 minute before adding additional water. Add additional water carefully.
- Mix for 1 to 2 more minutes. Once the material has its required water, minimal change will be experienced during application.

Pro-longed mixing will entrain excessive air and reduce the strength. Do not leave mixer running continuously!

Cover mixer during hot weather.  
Use mix within 1.25 hour from final mixing.

## APPLICATION INSTRUCTIONS

For use as Portland Cement Plaster Basecoat

The scratch coat must not be applied before inspection requirements for the weather resistant membrane and the stucco lath have been satisfied and approved by the builder or authorized agent.

**Note:** Allowing the scratch coat to develop strength before application of the brown coat will result in fewer and finer shrinkage cracks.

Wetting the scratch coat before application of the brown coat is very important if the scratch coat has been allowed to set or cure. Additional damp curing is necessary to insure proper bonding of subsequent coats. It is important to keep the cement actively working. If the surface of the scratch coat is too smooth, or in extremely warm weather, a bonding agent should be used.

### Least shrinkage cracking application method

After installation and inspection of moisture barrier and stucco lath.

1. Apply a scratch coat totally covering wire or other lath: 3/8 inch to 1/2 inch thickness (8 - 14 mm)
2. Scratch the surface of this first coat horizontally while the plaster mix is still soft. This will provide for better bonding of the second coat. (brown coat)
3. Lightly spray or mist the scratch coat with clean water at the end of the work day, and thoroughly wet it upon returning the following day.
4. After 12 hrs the brown coat may be applied to a pre-wetted scratch coat in one or two coats.
5. When applying to a wetted wall, it is important that the wet sheen has disappeared.
6. Bring the brown coat to full thickness, between 5/8 to 3/4 inch (16 -19 mm) or more where fire rating is desired. Bring the wall to a straight even plane.
7. (For fine acrylic finish or float finish) When the wall is sufficiently dry so that the float does not stick to the wall, consolidate the surface by floating the surface using a hard float. Leave the surface with a consistent, open texture to receive the Finish Coat. By using a float made from hard material, the surface will be compressed and will be less likely to bring fine materials to the surface, therefore minimizing surface cracks.
8. (Textured cementitious or acrylic finish) Broom-finish the brown coat horizontally.
9. A minimum of 7 days curing time is recommended before the application of the cementitious finish coat. This will allow time for cracks to develop in the brown coat. Any minor cracking in the brown coat will be healed by the finish coat. Larger cracks of 1/8 in (3 mm) thickness, should be repaired. Close observation and the experiences of the qualified applicator will dictate the curing time required.
10. For paint or acrylic coating, follow the manufacturer's instructions for application over Portland cement plaster.

**Damp Curing.** It is imperative to damp-cure the basecoats in order to achieve proper curing and adequate strength. As a minimum, wall must be re-wetted once after drying, within 24 to 48 hours.

Caution is to be exercised not to "shock" the wall. (ie: cold water spray on a hot wall.)

**Alternate method of application (double back).**

After installation and inspection of moisture barrier and stucco lath.

1. Apply a 3/8 inch (8 - 10 mm) scratch coat totally covering wire or other lath.
2. Scratch the surface of this first coat horizontally while the plaster mix is still soft. This will provide for better bonding of the second coat (brown coat).
3. When the scratch coat has stiffened sufficiently to receive the application pressure and the weight of the second coat, the brown coat may be applied in one or two applications over the scratch coat.
4. Bring the brown coat to full thickness, minimum 5/8 to 3/4 inch (16 -19 mm)
5. Bring the wall to a straight even plane.
6. (For fine acrylic finish or float finish) When the wall is sufficiently dry so that the float does not stick to the wall, consolidate the surface by floating the surface using a hard float. Leave the surface with a consistent, open texture to receive the Finish Coat. By using a float made from hard material the surface will be compressed and will not bring fine materials to the surface, therefore minimizing surface cracks.
7. (Textured cementitious or acrylic finish) Broom-finish the brown coat horizontally.
8. A minimum of 7 days curing time is recommended before the application of the cementitious finish coat. This will allow time for cracks to develop in the brown coat. Any minor cracking in the brown coat will be healed by the finish coat. Larger cracks of 1/8 in (3 mm) thickness, should be repaired. Close observation and the experiences of the qualified applicator will dictate the curing time required.

For paint or acrylic coating, follow the manufacturer's instructions for application over Portland cement plaster.

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