

DRYMiX®

Dry Décor 312* Star

Cement based, extra polymer, high quality, ready mixed color decorative rough finish façade render suitable for extreme weather conditions and fair face concrete- cover hair crack substrates.

Description:

Dry Decor 312* is cement based, high quality, extreme weather resistant, color stable, decorative façade render in powder form. Dry Décor 312* requires the addition of water on site.

Dry Décor 312* is ideal for internal and external applications over plastered substrates, fair face concrete and cover hair cracks substrates. Dry Décor 312* is specially formulated to provide rough finish when applied manually by trowel.

Also, Dry Décor 312* can be applied by spraying machine or Tyrolean to increase productivity and color uniformity. In this case Dry Décor 312* will give rough finish surface.

Composition:

Dry Decor 312* is manufactured from carefully selected raw materials which include a blend of special high strength hydraulic binders, selected well graded fillers, and special additives and extra high dose polymers to enhance workability, water retention, adhesion, in fair face and rough substrates and color stability against U.V and resistant to extreme weather conditions.

Standards: Dry Decor 312* is formulated to comply with DIN EN 998:2003 standard.

Uses:

Advantages:

- Easy to use and apply. Only requires the addition of water on site for ease of use.
- Raw materials are selected according to the highest quality control standards.
- Exact mixing ratios and homogeneity of the blend, due to factory fully computerized production process.
- Available in wide range of uniform colors.
- Gives modern decorative finishing style.
- Excellent mixing and workability characteristics.
- The simplicity of usage and application gives very high productivity rates.
- Maximum protection against salt formation or efflorescence compared with conventional decorative renders.
- Excellent bonding characteristics to plastered substrates and fair face concrete.
- Breathable, allows the substrate to breath without de-lamination.
- Excellent resistance to extreme weather conditions.

Technical Data

Bond Strength	> 1.2 N/mm ² .
Flexural Strength	> 3.5 N/mm ² .
Compressive Strength	> 10 N/mm ² .
Shrinkage	1.2 mm/m @ 28 days – Standard conditions
Water Absorption Coefficient	2 {kg/(m ² .h)}

Packaging

Dry Décor 312* is available in 40 kg bags

Mix Proportion

Approx. 0.25±8 litres of water per 40 kg bag.

Coverage Rate

3.25-3.5 kg/m² (rough finish with hand trowel).

3.5-5 kg/m² (rough texture with spray application).

(Coverage rate may vary depending on surface condition)

Surface Preparation:

- Cement based walls, Fair Face concrete and ceilings are the recommended substrates that can be covered with Dry Décor 312*.
- Plastered surface should be left to cure for at least 14 days prior to application of Dry Décor 312*.
- Any problem in the substrate which may lead to water penetration must be rectified.
- All surfaces should be in a good and strong condition.
- All surfaces should also be clean and free from any loose particles, dust, oil, grease, curing agents, or paint.
- If the surface is dry and in hot weather, pre-wet prior to the application of Dry Décor 312* without leaving excess water.

Application Procedures:

- Scaffolding must be fixed independently to allow for one go application.
- The whole contents of the bag should be mixed together with water, in one container using a hand drill equipped with mixing blade or high shear stationary mixer. Ask for our range of site mixers.
- Partial small amounts may be mixed manually, with a trowel, or other suitable hand mixing tools.
- Add 8 liters of fresh cool, clean water in one deep container. Then, add the contents of the 40 kg bag gradually and mix till the mixture is uniform and free of lumps. For best results, use as little water as possible. Keep mixing for 3-5 minutes, to insure proper mixing and good dispersion of additives.
- Dry Decor 312* should be immediately applied on the surface to be applied, while the mortar is fresh and workable. In case of delay, do not add additional water. Remix till the mortar is workable again.
- Apply Dry Decor 312* to the prepared surface either by conventional hand applied technique, Tyrolean or using spraying machine. Ask for our line of mixers and spraying machines.
- Structure the layer with plastic or wooden trowel before the surface dries in order to reach the required architectural finish.
- To achieve color consistency, apply Dry Décor 312* in panels and complete it around the building.

Important Notes:

- Do not apply Dry Decor 312* on movement joints or on dynamic cracked plastered walls.
- Expansion joints should be included as per the substrate design and carried out through Dry Décor 312*.
- Using cold water for mixing allows longer pot life and improved workability.
- Do not apply Dry Décor 312* over previously applied paints or gypsum plaster.
- It is advisable to seal the substrates with a suitable sealer such as Dry Seal 860 W to avoid inconsistent color finish, when applied on uneven or porous surfaces.
- It is recommended that Dry décor 312* should be stopped within 15 cm of the ground floor level and suitable skirting could be used to avoid dampness and discoloration.
- The quantity of mixing water should strictly be monitored between batches to ensure color uniformity, never remix with extra water. Should the mortar start to stiffen, just remix till the consistency gets back to a creamy, workable consistency again.
- To ensure color uniformity it is advisable to apply Dry Decor 312* in the shade, not in direct sun light.
- The work force should be enough to work on large areas, to eliminate cold joints and marks between different applications, it is advisable to apply large areas in one step, or split the large areas with grooved lines (Joints).
- Never cure with water or any curing compounds, as this may affect the color.
- In dusty areas subject to frequent splashes of water such as gardens, it might be advisable to treat the surface using Dry Seal 822, a water-repellent material, to be able to clean the stains easily.
- Applied colors may differ slightly from Dry Décor standard color chart due to job-site induced variations, such as application, drying, surface etc.
- As natural raw materials are used for the production of Dry Décor 312*, it is advisable to apply the entire façade at one time to ensure color uniformity as minor variations might be observed sometimes

Storage

Shelf life is 12 months from manufacturing date, in a dry, covered storage area.

Health and Safety

While using the product, gloves and goggles should be worn.

Splashes to skin or eyes should be washed with clean water, in case of prolonged irritation, seek medical advice.