

CITY CRYL

Single component acrylic based render

DESCRIPTION

CITY CRYL is single component acrylic based thick colored coating trowel applied to achieve high bonded textured final render for interior and exterior use.

CITY CRYL is composed of high resisting binder, carefully graded fillers and special rheological additives and polymers.

CITY CRYL is specially formulated to obtain easily applied paste by just adding water then troweling and finishing by a sponge float to achieve the final attractive desired surface.

CITY CRYL is applied over cementitious renders, plasters or concrete to achieve leveled and homogeneous final surface.

ADVANTAGES

- Easily applied.
- One step to level and finish the surface.
- Durable.
- Water repellent.
- Weather proofing.
- One step does not need any extra protection.
- Doesn't need special surface preparation.
- Fast finishing.
- Multi-color choice.

USES

CITY CRYL can be used for (but not limited to):

- Leveling and finishing of cementitious renders and cement lime mortars
- Facades and interior decorative designs.

PROPERTIES

Color	upon request
Phase	Paste
Dilution	Can dilute by water to 5%
Density	1.9 kg / L + 0.2

STANDARDS COMPLIANCE

AS/NZS 4548.5

APPLICATION INSTRUCTIONS

PREPARATION

- Substrate must be sound, free of oil, grease and weak particles.
- Smooth surfaces must be roughened to form a good mechanical key.
- Maximum protection against salt formation.

MIXING

mix CITY CRYL before using it continuously using slow speed mixer (max.450 rpm) until homogenous mix is obtained.

APPLICATION

Apply CITY CRYL with a maximum of 3 mm thickness per coat using a metal trowel.

Final desired surface will be achieved by floating the surface after several minutes from applying either by the same metal trowel or by a moist sponge float.

PACKAGE

CITY CRYL is supplied in 20 Kg Plastic bags.

COVERAGE

For fine finish (2 – 2.5 kg/m²)
For coarse finish (3 – 3.5 kg/m²)

IMPORTANT INFORMATION

Facade design is the art of giving buildings their own distinctive appearance and character through the use of form, color and texture. In addition to these aspects, functionality and durability are also crucial to the long-term value of a facade.

SHELF LIFE

CITY CRYL has a shelf life of 12 months.

STORAGE CONDITIONS

CITY CRYL store in normal temperature and closed shaded dry area in undamaged original packing.

ENVIRONMENTAL ACCOUNTABILITY

Residues of material must be removed according to local regulations.

Fully cured material can be disposed of as household waste under agreement with the responsible local authorities

TECHNICAL SUPPORT

For any technical support, please contact CITYCHEM technical office or representatives.

HEALTH & SAFETY

CITY CRYL is non-flammable or health hazard.

PPE in accordance with the health and safety rules should be used during the materials application.

For irritant effects of the non-cured material, avoid contact with skin and eyes during storage and application.

If the contamination occurs, wash the contaminated part by soap and plenty of water.

Urgently contact to nearest hospital.

Food and drink should be kept outside the application areas and should be kept in closed area

For further information refer to the CITYCHEM material safety data sheet.



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CONSTRUCTION

ROCK SUPER 700

High performance one component Gypsum – based Pre-mixed putty for smoothing surfaces prior to painting application

DESCRIPTION:

Rock Super 700 is a single component gypsum - based smoothing putty composed of Gypsum, selected aggregates, and selected additives which improves cohesive strength and promotes adhesion to ceiling boards, plaster, lime, Cement and wood. It is supplied in a dry form in pre- weighed bags ready to use on site which requires only addition of clean water to produce easily workable material.

USES:

- ❖ **Rock Super 700** is a gypsum – based polymer modified putty for indoor and outdoor applications.
- ❖ It is used as a skimming material to give a smooth surface prior to painting.
- ❖ It is used for filling cracks, slits, cavities and gaps on walls.
- ❖ Gives great application performance even if hand application.
- ❖ Suitable for use in wet areas like bathrooms and kitchens.

ADVANTAGES:

- ❖ Excellent bonding characteristics on different substrates with low shrinkage.
- ❖ Good anti – slump, non – sag properties, easy to apply on vertical surfaces.
- ❖ Excellent workability, so it is easy to spread and smooth.
- ❖ Easy to mix manually and easy to apply, just need clean water on site at the time of using.
- ❖ Suitable for application on wet or dry areas.
- ❖ Suitable for walls and ceiling surfaces.
- ❖ Good sanding and painting properties – easy to achieve desired finish.
- ❖ Compatible with most types of Paints & coatings (Water - based paints, solvent - based paints, colored cement - based coatings & others).

TECHNICAL PROPERTIES:

Base	Gypsum combination with mineral fillers.
Color	White
Bulk Density	Approx. 1.2 ± 0.05 kg/l.
Mixing water ratio	Approx. 5.00 to 5.5 L. for 12.5 kg.
Application time	Approx. 90 minutes
Application Temperature	+5 °C to +50 °C
Pot Life	Approx. 2 hours

INSTRUCTIONS FOR USE: SURFACE PREPARATION:

All substrates must be sound, clean and free from dust, grease, oil, cement laitance or any other foreign materials.

Pre – wet the dried substrates prior to application, without leaving excess water. If the product is applied on gypsum boards or wood, it must be primed with **City Seal (Transparent or White)**.

MIXING:

Mix one bag of 12.5 Kg. **Rock Super 700** with 5 – 5.5 Lit. of water by pouring the powder in the water gradually while stirring. An electric mixer with low rotation speed (<300rpm) (hand drill) can be used which will give greater uniformity and a faster mix. Mix for (3 minutes), and set for 10 minutes then remix for 2 minutes (until a uniform lump – free paste is obtained).

APPLICATION:

Rock Super 700 can be applied in one or two layers on the prepared substrates using a flat putty trowel or spraying machine, followed by smoothing to desired texture.

Each layer should be left to dry completely for 2 hours at least prior to application of the next layer.

The first layer must be Pre-wet before applying the following layer.

Thicknesses up to 3 mm may be applied maximum two coats per day.

For complete curing, clean water must be sprayed on the applied substrates every 12 hours for two days.

During hot and dry conditions, clean water must be sprayed for four days.

This will help in achieving uniform color; minimize risk of surfaces cracks and high mechanical strengths.

PRECAUTIONS:

- ❖ Make sure the substrate is suitable for coating.
- ❖ Do not apply the product at temperature less than + 5°C.
- ❖ During hot or windy conditions the working area should be covered to prevent defects from direct sun or wind during initial curing stage.

CONSUMPTION:

12.5 m²/one bag 12.5 Kg. for 1.00 mm thickness (depending on surface smoothness and porosity, and finishing required).



CLEANING:

All tools should be cleaned with **clean water** immediately after use.

Cured material can only be removed mechanically.

PACKAGING:

Available in 12.5 kg /bag.

STORAGE & SHELF-LIFE:

Approx. 12 months in dry shaded conditions.

HEALTH AND SAFETY:

Rock Super 700 contains cement powders, which when mixed with water, release alkalis which can be harmful to the skin.

It is preferable that could be done in a ventilated area.

During use avoid inhalation of dust and contact with skin and eyes. Wear suitable protective clothing, gloves, eye protection and respiratory protective equipment.

In case of contact with skin, rinse with plenty of clean water then clean with soap and water. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice.

If swallowed, seek medical attention immediately – do not induce vomiting.

FIRE:

Rock Super 700 is nonflammable.



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