



Hy Finish

SOLVENT BASED PU HYBRID SEALER

Description:

Colourcrete Hy Finish is a Clear Coat Solvent Based PU two pack Hybrid Sealer fully cross-linking, clear, non-yellowing protective finish for concrete floors. In particular, the system is suitable for floors in high-traffic areas and to provide good resistance to scuffs and staining. It also enhances the beauty of decorative concrete. Floors protected with *Colourcrete Hy Finish* show reduced staining from materials such as oil, grease, food spills and many chemicals by producing a low maintenance, abrasion resistant, protective film that also exhibits good chemical resistance.

Colourcrete Hy Finish is a clear finish coating. *Colourcrete Hy Finish* can be used internal and external.

Since this product is solvent based as supplied, suitable precautions must be undertaken during the application.

Advantages:

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| - Clear Coat | - High Build |
| - High Gloss | - High Wear Resistance |
| - UV Resistant | - Good Working Time |
| - Internal and External | - Non-yellowing |
| - Good Chemical Resistance | - High-Resistance to Staining |
| - Surface Enhancing | - Easy Maintenance |

Typical Applications:

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| - Flake Flooring Sealer | - Industrial Concrete Sealer |
| - Decorative Concrete Sealer | - Epoxy Floor Sealer |
| - Polished Concrete Sealer | - Exposed Aggregate Sealer |

Typical Properties:

- Mix Ratio: 3 Part A to 1 Part B by volume
- Specific Gravity: 0.98
- Touch Dry: 3-4 hours approx. at 25°
- Foot Traffic: 24-48 hours at 25°
- Volume Solids: 55%
- Work Time: 1 hour at 25°
- Re-coat window: 12-36 hours at 25°
- Vehicle Traffic: Minimum 72 hours at 25°

Estimating Data:

- 3 – 5 sq.m/ltr approx. – Exposed Aggregate Surface per coat
- 3 – 5 sq.m/ltr approx. – Resurfaced Concrete Surface per coat
- 4 – 6 sq.m/ltr approx. – Flake Texture Surface per coat
- 4 – 6 sq.m/ltr approx. – Unsealed Concrete Surface per coat
- 6 – 8 sq.m/ltr approx. – Sealed Surface per coat

Packaging:

Colourcrete Hy Finish is available in a 10 Litre Kit. Pre-packed in correct proportions for use.

General Surface Preparations:

Concrete should be at least 28 days old. Ensure it is clean, dry, and free of additives, curing agents, oils, sealers, etc.

Prepare as necessary by professional diamond grinding or captive blast cleaning as applicable to expose firmly held aggregate.

Allow to dry if wet. Always confirm preparation adequacy. Surface profile should exceed CSP 2.

Acid etch surface using hydrochloric acid diluted at approximately 20 parts waters to 1 part acid. Pressure clean surface immediately removing all remnants of acid. Ensure surface is dry before sealing.

Flake Texture Surface Preparation:

Excess Flake must be removed. Scrape, broom, vacuum, and blow to ensure no protruding or loose flake is left on the surface.

Ensure surface is clean, dry, and free of additives. Observe recoat window.

General Application:

Review the sub-floor area in advance so that a fixed volume of mixed material can be applied over a fixed area to ensure correct application rate. Select a slow speed (400 rpm) mechanical mixer and ensure thorough mixing.

Mix Ratio: 3 Part A to 1 Part B by volume. Mix until uniform. Apply with a short nap roller at an application rate of 3 – 8 m² per litre depending on the surface.

If applied in 2 coats, observe the re-coat window.

Non-slip finishes can be achieved by suitable incorporation of aggregates. For non-slip finishes test areas are advised.

Over-Coating Applications:

If sealing, freshly applied epoxy coatings, apply within re-coat window. If sealing old epoxy coatings, sand first and confirm adhesion in a test area.

Clean Up:

Colourcrete Xylene can be used for cleaning tools and equipment before the mixed compound begins to harden.

Cleaning and Maintenance:

Housekeeping is critical in keeping floor surfaces safe. Vacuum, wash, scrub or sweep daily in accordance with recommendations. Mechanical sweepers and scrubbers can provide excellent results. Verify that the frequency and effectiveness of the cleaning process is appropriate for site conditions. Remove spills, immediately, scrub and allow the floor to dry completely.

Products and Equipment required Checklist:

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| - Colourcrete Xylene | - Hydrochloric Acid |
| - Drop Sheets | - Masking Tape |
| - Roller Frames | - Roller Poles |
| - Rags | - Mixing Drills |
| - Extension Lead | - Measuring Jug |

Safety Precautions:

Read Material Safety Data Sheet before commencing any application. Keep away from children. Contents are flammable.

Avoid contact with skin and avoid breathing vapour. Always provide adequate personal protection (gloves, masks, and goggles etc) during use.

Always provide adequate ventilation, especially in confined spaces. If poisoning occurs, call Doctor or Poisons Information Centre – Phone – 13 11 26

If swallowed, DO NOT induce vomiting. Give plenty of water or milk. If skin contact occurs, quickly remove contaminated clothing and wash affected areas thoroughly with soap and water.

TDG Code: UN 1263

Please Note:

The information given in this data sheet is based on our current knowledge of the product when properly stored, handled, and applied.

Any verbal advice given should not be regarded as authoritative information. This information is subject to change without notice; therefore, all applicators should ensure they have current information.

This product is intended for the use only of skilled tradesmen and where applicable, statutory licensed tradesmen experienced and trained in the use of this product. This product is warranted to be of uniform quality within the manufacturer's tolerance. We accept no responsibility for loss or injury caused by improper use, incompetent preparation, inexperienced or negligent application, or ordinary wear and tear. This manufacturer has no control over the use or misuse of this product, therefore no warranty rests or implied, is or can be made either as to the effects of such use. The manufacturer's obligations shall be limited to replacing product proving to be defective.

