

TECHNICAL DATA SHEET

DESCRIPTION

Surface Cast #100 Gray is a sprayable surface retarder designed to create a 3/8" to 1/2" aggregate exposed finish by preventing the hydration of the cement on the surface of concrete placement. **Surface Cast #100 Gray** creates a coating that protects the surface from intermittent rain and aids in curing.

USES

Surface Cast #100 Gray is conveniently formulated to achieve a 3/8" to 1/2" aggregate exposed finish.

Surface Cast #100 Gray is designed for standard 6 sack mix. Admixtures, including accelerators and retarders can affect results.

FEATURES

- 3/8" to 1/2" Aggregate Exposed Finish
- Depth Control
- Consistent Finish
- Eliminates Need for Plastic Cover
- Aids Curing
- Color Coded
- Will Not Stain Surrounding Material
- Water-based
- Odorless

SURFACE PREPARATION

Under normal conditions, finish concrete with a wood float and allow the bleed water to rise and evaporate before applying **Surface Cast #100 Gray**. Apply immediately after bleed water evaporates.

Under extremely hot conditions, apply the material onto the bleed water before it evaporates.

MIXING

Mix well before and during use. If clumps are present pour through paint strainer to remove.

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PLACING

Apply immediately after bleed water has evaporated.

Surface Cast #100 Gray should be applied with a low pressure sprayer evenly over surface. Care should be taken to ensure even coverage rate. There is no need to cover with plastic sheeting as **Surface Cast #100 Gray** forms a film that is resistant to wind and rain.

COVERAGE

Approximately 200 square feet per gallon for most surfaces or until surface is completely covered. Over application can make removal more difficult.

DWELL TIME

Environmental conditions and mix design affect the performance of **Surface Cast #100 Gray**. Under normal conditions with a standard mix design, the surface can be exposed after 14 hours but should be removed before 48 hours. After 48 hours the paste becomes difficult to remove.

EXPOSURE

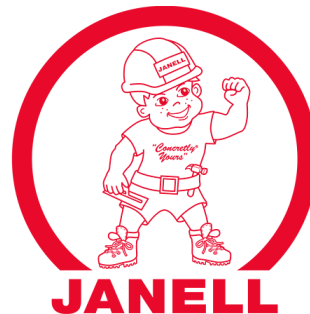
After the appropriate dwell time, wash the surface with a pressure washer or a steady stream of water while scrubbing with a stiff-bristle brush. If etch depth is excessive, allow a bit more dwell time.

STORAGE

Protect from freezing. Recommended shelf life is one year.

CLEANUP

Clean tools with water.



Cincinnati, OH: 513-489-9111 Dayton, OH: 937-866-9111
Bond Hill, OH: 513-651-9111 Columbus, OH: 614-224-9111
Erlanger, KY: 859-341-9111 Lexington, KY: 859-254-9111



Surface Retarder

Surface Cast
#100 Gray

PHYSICAL PROPERTIES

Appearance	White Liquid
pH	2-4
Specific Gravity	1.03 g/cc
Lbs/Gal	8.35
Min. Temp	50 degrees
Water Resistance	Intermittent Rain
Viscosity	N/A
VOC	0 g/L
Flash Point	N/A
DOT	Non-Regulated Material

CONTAINER SIZES

5 gallon (18.93 Liters)

HMIS

Health	1	Flammability	0
Reactivity	0	Protection	B

LIMITATIONS

A sample should be made under similar site conditions and mix to ensure desired results.

WARRANTY

Since Manufacturer has no control over handling, use or storage; no guarantee expressed or implied, is offered. The suitability of the product for use shall be solely up to the user. Manufacturer retains the right to venue.

WARNINGS

Causes serious eye irritation.

Precaution: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist/vapors/spray. Wear eye protection. Do not eat, drink, or smoke while using product. KEEP OUT OF REACH OF CHILDREN.

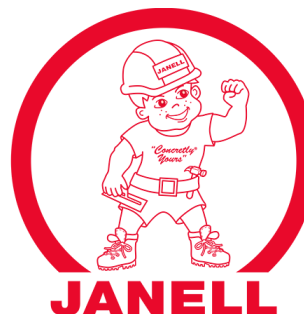
FIRST AID

IF SWALLOWED: Get medical advice if you feel unwell. IF ON SKIN (or hair): Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice. IF IN EYE: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell.

MANUFACTURER/TECHNICAL SERVICE

Exclusively manufactured for Janell Inc. by CLEMONS CONCRETE COATINGS

Contact your Janell representative for the most current product information. Always read and follow the warnings and instructions on the most current technical data sheets.



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