

JS Surface Retarder

Exposed Aggregate Surface Retarder

LOT#

PRODUCT DESCRIPTION

JS Surface Retarder is a unique blend of chemicals, which retards the surface set of freshly placed concrete. JS Surface Retarder reacts with cement at the surface to interrupt the normal hydration process, allowing for easy removal of retarded matrix in order to uniformly expose 1/8" to 3/8" of embedded aggregate. JS Surface Retarder is available in two strengths: LIGHT for aggregate exposure up to 1/8" and DEEP for aggregate exposure up to 3/8".

GENERAL USES

JS Surface Retarder is used for exposing aggregate on sidewalks, floor slabs, topsides of tilt-up panels, precast members, pool decks, driveways etc.

JS Surface Retarder may be used on construction joints of horizontally poured concrete when longer than normal time is involved between pours. Use of JS Surface Retarder produces a rough surface for better bonding at construction joints.

INSTRUCTIONS FOR USE

Surface Preparation

For architectural concrete: seed surface with aggregate and float concrete. Allow surface water to evaporate before application of JS Surface Retarder.

Mixing

JS Surface Retarder is a solution and ready to use as supplied. No mixing is required.

Application

JS Surface Retarder may be applied by brush, roller, or spray. The preferred method of application is by use of a low-pressure garden type hand sprayer for more even application and in order not to disturb the surface of freshly aggregate-seeded concrete. Apply at the rate of 100-150 square feet per gallon. Apply polyethylene sheets on the treated concrete.

Under normal atmospheric conditions (72°F and min. 50% RH) concrete should be washed within 8 to 24 hours. If conditions are hot or dry, concrete should be test washed every 4 to 8 hours to evaluate desired profile.

Aggregate Exposure

Test for readiness to expose aggregate by scratching retarded surface with a short, sharp object such as a nail or heavy-duty knife. When the underlying concrete is set hard, the surface is ready to wash. Use high pressure water from a hose and a stiff broom to loosen retarded matrix. Flush surface with clean water after brooming the retarded matrix loose.

Cleaning

Tools and equipment may be cleaned using water.

LIMITATIONS/WARNING

- Refer to Material Safety Data Sheet before use.
- Do not allow wash water to run into or over areas where concrete will be poured.
- Do not use below 35°F, as JS Surface Retarder will freeze.
- Not recommended for application to vertical surfaces.

TECHNICAL SERVICES

Jobsite Supply Technical Service Department provides complete product and technical support.

PACKAGING

- 55 gallon (208 L) drums
- 5 gallon (18.9 L) pails

KEEP PRODUCT OUT OF REACH OF CHILDREN



HIMS
Hazard Ratings

- 0 - Least
- 1 - Slight
- 2 - Moderate
- 3 - High
- 4 - Extreme



DANGER

Keep away from heat, sparks & flames. Do not cut, puncture or weld on or near empty or full containers. Do not re-use container for any purpose, until commercial clean