



SURTREAT PURGE

Concrete Porosity Decontaminant

Purge:

is a surface applied penetrating liquid concrete restoration material designed to dissolve and displace contaminants out of concrete. TPS III Purge is a chemically reactive material used for cleaning cement based concrete substrates prior to repairs as patching, cement overlay, painting or coating.



WHEN TO USE

Use on contaminated cement-based substrates to clean and restore adhesive properties. Use on weakened concrete to increase strength and promote adhesion.



BENEFITS

- Seals off moisture
- Compatible with coatings and other repair materials
- Simple to use
- Prevents future contamination
- Increases surface strength
- Removes surface contamination
- Conditions substrate for repair and overlay
- Promotes adhesion
- Help keep treated surfaces clean

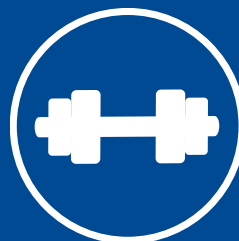
EXPECTED PERFORMANCE



REMOVES
CONTAMINATES
FROM CONCRETE



PURGES
CHLORIDES FROM
DEEP WITHIN

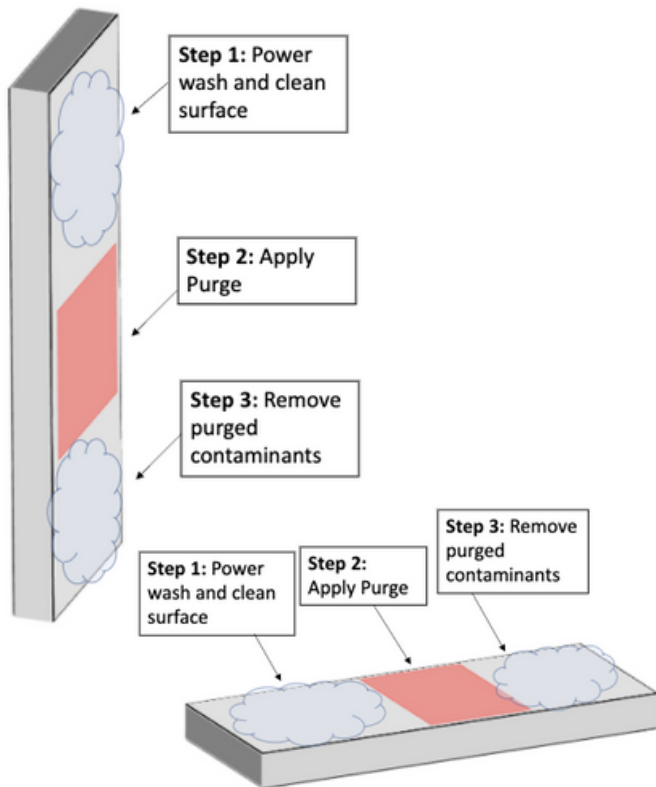


INCREASES
SURFACE
STRENGTH



COMPATIBLE
WITH OTHER
COATINGS

CONSTRUCTION DETAIL



*Same detail for overhead application

CAUTION AND FIRST AID

Handling: Surtreat TPS III Purge is to be applied by professional contractors only. All applicators should wear OSHA and NIOSH recommended protective equipment. Do not use or dilute the product in closed areas without adequate ventilation. Immediately close the container after removal of the solution. Avoid contact with skin, eyes and clothing. Do not smoke, eat or drink during application. Wash thoroughly after handling. Keep out of reach of children. Do not inhale or ingest or modify the solution. Refer to MSDS.

Clean Up: In case of spills or leaks, wear suitable protective equipment. Contain spill and collect with absorbent material or process and transfer to a suitable container, ventilate area. Avoid contact. Dispose of in accordance with current, applicable local, state and federal regulations.

Precautions: KEEP OUT OF REACH OF CHILDREN. DO NOT SWALLOW. Use with adequate ventilation. Avoid mist and direct contact with eyes, skin and clothing. Wear suitable protective goggles, gloves, and clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel ill, seek medical advice. Wash clothing prior to re-use.

Inhalation: If breathing is difficult due to inhalation of vapor or mist, move person to fresh air and administer oxygen. If breathing has stopped give artificial respiration. Keep person warm, quiet, and get medical attention.

Eye Contact: Rinse eyes with cool water for 15 minutes. Hold eyelids open during flushing with water. Get medical attention.

Ingestion: If swallowed, immediately drink two glasses of water and induce vomiting. Get medical attention immediately. Do not give anything to an unconscious or convulsing person. For additional information on personal protective equipment, first aid, and emergency procedures, refer to the product Material Safety Data Sheet (MSDS) on the job site or contact the company at the address or phone number given below.

Disposal of container: Triple rinse inside of container, seal opening and dispose of properly.

PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: 212F

Specific gravity: 1.09

Flashpoint: none pH: 12(+/- .5)

Appearance and odor: clear liquid with mild chemical smell

Shelf life: 24 months in an unsealed factory container

Storage: protect from freezing

APPLICATION PROCEDURE

Surface preparation: Prior to applying TPS III Purge the surface must be washed thoroughly with an industrial degreaser and the residue cleaned by power washing or any other appropriate applicable method. Surface can be dry or slightly damp with no pooling liquid remaining.

Application: TPS III Purge is applied by spraying or pouring onto the concrete surface. When spraying, use a conventional airless spray system or a hand-pressure equipment. Multiple applications can be used depending on the level of contamination and adhesion requirements of subsequent repair materials. Apply liberally until substrate is saturated. Spread with squeegee or brush. Add water to the surface if premature drying occurs. Brush vigorously in the areas of heavy contamination. Once the liquid on the surface darkens with pollutants and becomes less clear remove by washing. Inspect the conditioned areas following each application cycle to determine results. When applying prior to installation of a repair mortar, concrete overlay, coating or membrane, care must be taken to remove any Surtreat TPS III Purge residue before repairs. This can be achieved by rinsing with water, pressure washing or grit blasting. After application, allow substrate to dry before continuing with repairs.

PACKAGING

5 gallon pail and 55 gallon drum.

LIMITATIONS

- Minimum ambient temperature and substrate temperature of 35F.
- Avoid contact with glass, aluminum and painted surfaces - may cause permanent spotting.

LIMITED WARRANTY NOTICE

Every reasonable effort is made to apply Surtreat® exacting standards both in the manufacture of our products and in the information that we issue concerning these products and their use. We warrant our products to be of good quality and will replace any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement, Surtreat® MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANT ABILITY, RESPECTING ITS PRODUCTS, and Surtreat® shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the Surtreat® Technical Manager. TPS and Surtreat are trademarks of Surtreat Solutions. All rights reserved 2021. For professional use only. Not for sale to or use by the general public.

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