

Technical Data Sheet

Description

TOPICAL GUARD is a water based a film-forming sealer that improves the surface sheen and stain resistance of conventional concrete, hardened concrete or cement terrazzo floors. This sealer is designed to be used when the polished surface is needing extra protection from topical harsh spills and chemical attacks.

Properties

TOPICAL GUARD reduces the penetration of aqueous liquids, grease, oils and other dirt. The product is easy to apply and imparts high gloss when burnished. The effectiveness depends on the material and absorption of the surface. Depending on the material and surface treatment, it can also lead to different results in the resistance of stain protection.

TOPICAL GUARD forms a microscopic semi-topical barrier that protects the surface from stains and etching due to harsh spills. It increases the gloss of the surface after burnishing and will also enhance the appearance of stained and/or dyed polished concrete floors. Basically there is no or only minimal changing of the surface color (color enhancement). The water absorption will be strongly reduced. The active ingredients are UV-resistant and not yellowing, and although it is a film-forming product, it stays breathable (diffusion open).

Advantages:

- Easy to apply. Fast drying.
- Breathable and UV stable. Will not yellow, peel or flake.
- Non-flammable. Non-toxic. Low odor. VOC compliant.
- Will not contribute to surface ASR (Alkali Silicate Reaction)

Disadvantages

- For indoor use only.
- As any topical sealer it becomes the wearing surface, so in turn it needs periodic replacement.

Scopes of application

TOPICAL GUARD is applicable to concrete surfaces, screeds and artificial stone/Terrazzo. Specific areas of usage are e.g. where the surface needs to be closed and withstand etching stains from for example food spill, or when there are exposed steel fibers in the concrete that you would like to protect from water and corrosion. For highly absorbent surfaces or increased shine, it's recommended to apply two times.

Note: The acid sensitivity on concrete surfaces will be reduced, but depending on the length of the exposure time and the aggressiveness of the chemical, etching marks might still occur, therefore, always clean up all spills as quickly as possible.

Processing

The treated surface must be dry and free from impurities. To ascertain the consumption make a separate sample area of the same surface. Mix well before using. Apply TOPICAL GUARD with a low-pressure sprayer and spread material with a short-hair microfiber mop. Do not atomize. Using the mop, apply a firm downward pressure and immediately spread the product to produce a thin, even coating. Spread the product as far as possible while maintaining a wet edge. Properly applied, TOPICAL GUARD dries quickly. Stop spreading once drying begins. Avoid overlapping.

Multiple coats may be required in high wear areas depending on traffic conditions. If so, leave to dry for approx. 1 hour before second application.

Fully dried coating (2–24 hours) may be buffed to a high gloss finish using a 3000 grit diamond impregnated HiperClean pad. Allow 24 hours prior to final buffing for full benefit.

Temperatures for application should be 40–100° F (4–38° C).

Drying time

The drying time (ready for traffic) is between 1-2 hours. According to ambient temperature and humidity, drying time can vary. Protect from water exposure for 24hrs. Maximum protection will develop over 7 days.

Consumption rate

For grinded/polished surface (single coat) approx. 2,000 sqft/G (185 m²/G)

Storage

Store in cool, dry place, in closed container. Protect from frost. Shelf Life: 12 months in factory-sealed, unopened container. Opened cans should be worked up as soon as possible. Manufacturing date is stuck onto the pail with the Julian date Code with a sticker as in YYDDD.

Environmental Protection

The product is not classified as environmentally hazardous. It does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42) However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. Dispose of contents/container in accordance with local/regional/ national/international regulations. Completely emptied packages can be recycled.

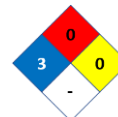
Health & Safety

Husqvarna TOPICAL GUARD is a "Hazardous Chemical" as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200, but does not contain any substances regulated as hazardous substances under the CERCLA (40 CFR 302) or the SARA (40 CFR 355). Nor does it contain any Proposition 65 chemicals. Safety data sheet available at request.

Ingredients: Silicic Acid, lithium salt



Warning



NFPA rating

Health: 3
Flammability: 0
Physical hazard: 0
Personal protection: X

HMIS rating

Causes skin irritation. Causes serious eye irritation.
PRECAUTIONARY STATEMENT: Prevention: Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

No dangerous good in sense of transport regulations.
VOC <20g/L. pH 11

Husqvarna item number:

580 50 29-08 Topical Guard 5G
580 50 29-09 Topical Guard 55G

This information should only be a non-binding advice. The use of the products is based on local circumstances and on the surface itself. If there is no experience, and in cases of doubt, we recommend to try the product on an inconspicuous spot.