

## PRODUCT INFORMATION

Concreation Canada Inc. CCI-1000 Teflocon is an Interior Concrete Finishing product that can be used to seal and protect Finished or Polished Concrete Floors, Finished or Polished Concrete Countertops, Granite, Marble, and Terrazzo.

The small molecular size and low molecular weight of Concreation Canada Inc. CCI-1000 Teflocon allows deep penetration, providing a very hard, high gloss, non-slip surface.

A unique stain blocking additive penetrates concrete micro-pores and chemically bonds, providing long lasting stain resistance to most inorganic and organic contaminants found in food stores, restaurants, warehouses and distribution centers.

## STORAGE AND HANDLING

- ☞ Keep containers closed when not in use.
- ☞ Avoid eye contact.
- ☞ Avoid repeated or prolonged skin contact.
- ☞ Avoid drinking, tasting, swallowing or ingesting this product.
- ☞ Avoid breathing dust, fume, gas mist, vapors or spray.
- ☞ Minimize contact with air to reduce contamination with mold, fungus, or other organisms which could cause decomposition or spoilage.
- ☞ Wash thoroughly after handling.
- ☞ Empty container contains product residue which may exhibit hazards of product.
- ☞ Store in a dry location within a temperature range between 4° C (40° F) and 38° C (100° F).
- ☞ Keep container closed when not in use.
- ☞ Do not store in open, unlabeled or mislabeled containers.

## PERSONAL PROTECTION

Use material in well ventilated area only. Additional ventilation or exhaust may be required to maintain air concentrations below recommended exposure limits.

Use good industrial hygiene practices to avoid skin contact. If contact with the material may occur, wear chemically protective gloves and safety glasses.

Use respirator with a combination organic vapor and high efficiency filter cartridge if recommended exposure limit is exceeded.

No special clothing requirement.

## PREPARATION

Concrete should cure for at least 28 days before beginning application of TefloCon Floor Finish. Surface & Air Temperatures for application should be 4-38 C.

This product is concentrated and generally requires dilution with water prior to use. The dilution ratio is largely dependent on both concrete floor surface porosity and desired level of gloss. Most concrete floor surfaces generally require a concentrated dilution ratio (more product and less water) to achieve the desired gloss and stain blocking properties. To determine the optimum dilution ratio, it is recommended that several test samples at varying dilution rates be applied and evaluated for both gloss and stain protection. The general recommended dilution ratio by volume to achieve maximum gloss and stain protection on most concrete floor surfaces is 2 parts CCI-1000 Teflocon to 1 part water.

Protect from freezing. If allowed to freeze, product packaging may rupture and the emulsion stability of this product may be affected, making it difficult to keep product mixed during application. Product which is suspected of freezing should not be used.

Clean surface with CCI-750 Cleaner, read and comply with application Instructions. Surface must be completely dry and free of debris and residue.

## APPLICATION

Apply with Chapin® Sprayer and Microfiber applicator only. Variations in concrete quality, porosity, job site conditions, temperature and relative humidity will affect coverage rates and drying times.

Application is best accomplished in two steps. First, spray apply the product using a low-pressure hand pump sprayer, such as the Chapin Sprayer. Second, uniformly spread the product using an Applicator equipped with a micro-fiber pad. The micro-fiber pad should be pre-moistened with CCI-1000 Teflocon prior to use. Do not allow product to dry prior to spreading.

Application rates vary according to the density and texture of the substrate. Typical diluted application range is 12-36 SM/L (500-1,500 SF/GAL).

Surface should be dry to the touch. Repeat at least once more allowing 1 to 2 hours between recoats. TefloCon Floor Finish can be applied 3-4 times until desired intensity of gloss has been achieved.

Before allowing foot traffic, verify that the surface is completely dry, generally 1-2 hours. Cool and humid conditions may prolong dry time.

Keep treated surface dry for 24 hours following application for optimum results. Full stain resistance capabilities are achieved after 72 hours; stain resistance testing should not occur until after this time.

## CLEAN UP

Remove any plastic and protective materials and dispose of accordingly.

Dispose of empty containers and excess material according to local, provincial and federal regulations.

## MAINTENANCE

Do not use ammonia or amine containing detergents to clean a CCI-1000 Teflocon treated floors or surfaces.

The use of ammonia or amine containing cleaners or detergents will cause irreparable damage to CCI-1000 Teflocon, necessitating reapplication to restore gloss

Concreation Canada Inc. recommends CCI-750 Cleaner Concentrate, diluted according to manufacturer's instructions, for cleaning CCI-1000 Teflocon floors. Use of any other neutral floor cleaning product should be test applied before full scale cleaning to ensure compatibility with CCI-1000 Teflocon.

Dry buffing restores gloss and repairs scratches and scuff marks.

Concreation Canada Inc. CCI-1000 Teflocon is intended to give a reasonable opportunity for cleanup of spills. In some cases, the product will act as sacrificial protection and will require reapplication once the spill has been cleaned.