



Eclipse™ Anti-Slip Treatment

INDOOR/OUTDOOR



An indoor/outdoor anti-slip floor treatment formulated to make smooth and/or wet surfaces less slippery.

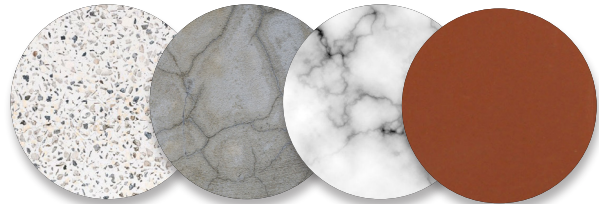
- No dilution needed. Ready to Use.
- Formulated without harmful acids.
- Biodegradable.
- Can be used indoor and outdoor.
- The micro-etching from this product increases the coefficient of friction.
- No change in color or appearance of surface when used correctly.

PRODUCT INFO

Product Code	427MPE	427FS
Volume	4 liters	2.50 US gallons
Shipping Package	4 x 4 liters	2 x 2.5 gallons
Pallet Quantity	48	48

SDS sheets available for download at pioneereclipse.com.
427_PDS 05/19

SURFACES INDOOR/OUTDOOR



TERRAZZO **CONCRETE** **UNPOLISHED MARBLE** **QUARRY TILE**

Does not work on: Wood, polished marble, VCT, epoxy, synthetic stone or metal surfaces.

TECHNICAL DATA

Description	Anti-Slip / surface modifier – Ready to use
Appearance	Clear colorless liquid
Viscosity (Brookfield) @ 68°F (20°C)	<10 centipoise
Flash Point ASTM D56-05 (2010)	>200°F (93°C)
Coverage Rate*	300 to 500 ft ² /gal 61 to 74 m ² /liter
Dry Time	10 - 15 minutes
VOC 40 CFR Part 59 Subpart D	0.02%
Fragrance	Mild odor
Shelf Life ASTM D1791-93 (2008)	2 years
Density ASTM D1475-98 (2008)	8.5 lb/gal @ 68°F 1.03 kg/L @ 20°C
Freeze/Thaw ASTM D3209-93 (2008)	Passes 3 cycles
Container	2.5 US gal/9.5 L (FS packaging) 1.06 US gal/4 L (MPE packaging)

*Coverage is approximate and may vary depending on surface finish/texture, concrete condition, climatic conditions, etc.



VERY IMPORTANT:

Do not allow the Eclipse Anti-Slip Treatment to dry on the surface. During treatment period, if any floor areas start to dry, immediately re-wet these dry patches. Apply a liberal amount of Eclipse Anti-Slip initially to prevent drying, especially on hot days and for outdoor applications. It is okay to walk across the wet surface to do this (acid resistant rubber spike shoes are recommended) then simply re-wet the surface with the treatment over tread marks.

DO NOT OVER TREAT. The process is not reversible. If unsure, use a shorter treatment period, this can always be increased. Over treatment will dull the sheen of the floor.

Also the treatment has the additional ability to remove soil from the grout joints. This soil is deposited onto the face of the surface. The final clean water rinses help to remove this soil and provides a more pleasing result.

The floor can be put back into use immediately after the final rinse and dry.

Ensure the surface is always evenly wet with the Eclipse Anti-Slip Treatment product during the entire time, otherwise the product may evaporate and cause spots, streaking or an uneven sheen to appear on the treated surface when the job is complete. This is especially significant when treating a high gloss tile.

Allow the Eclipse Anti-Slip Treatment product to be in contact with the surface only to the pre-determined dwell time.

Rinse the floor well with clean water several times until no bubbles are visible and the surface is completely clean. Remove the remaining water with a floor squeegee, wet vacuum or auto scrubber and dispose of appropriately.

Using a slip meter, test several representative sample areas to ensure that the desired wet coefficient of friction has been met.

Dry all surfaces and inspect the treated areas ensure quality of application.

DIRECTIONS

Read all directions and Safety Data Sheets (SDS) before using.

If applied incorrectly the surface may become damaged.

Step 1: Pre-Treatment Cleaning and Preparation

Adequate preparation and cleaning is essential to ensure an even result in the treatment. Ideally the treated surface should become completely hydrophilic after the cleaning regime.

Depending on the nature of the substrate and the type of soiling present, there may be a range of chemicals that have to be used to clean and adequately prepare the surface for the anti-slip treatment.

Generally Eclipse HD Degreaser can be used to remove most types of soiling and prepare the substrate for the anti-slip treatment. Please follow the instructions found on the label.

Note: Remove solid contaminants such as gum from the surface before starting with the cleaning chemicals.

Step 2: Small Test Area

Always apply treatment to a small test area before proceeding to apply the treatment to the entire area.

This will establish the correct dwell time that Eclipse Anti-Slip Treatment should be allowed to remain on the surface before neutralizing and removal.

This will also ensure satisfaction with the finish and grip level of the floor after application of the treatment to the entire area.

Different substrates will require different dwell times to achieve the desired grip level (wet measurement of the coefficient of friction). The dwell time should be noted well and adhered to when treating the entire area.

Testing Small Area

Locate a 300mm x 300mm area in an inconspicuous place.

Clean this small test area adequately and dry.

Put on personal protective equipment and then apply Eclipse Anti-Slip Treatment to the small test area for 5 minutes using a sponge.

Keep this area damp with Eclipse Anti-Slip Treatment at all times. Do NOT allow the product to dry on the surface. If drying is occurring add more product. Uneven drying may cause variation in sheen level.

Rinse the Eclipse Anti-Slip Treatment off with ample clean water. Measure the wet coefficient of friction to determine if it is sufficient. If more grip is needed, continue applying as above in 2 minute increments, testing as before until the desired coefficient of friction has been met.

Once you have established the dwell time needed (the sum total of all the application minutes) to achieve the desired grip level, dry the area to check the appearance is acceptable.

Step 3: Application Procedure

Before proceeding, always read the application and safety precautions on the product labels. Eclipse Anti-Slip Treatment is acidic therefore avoid contact with surfaces that may be affected by acids such as metal (drains, floor wastes), painted surfaces, glass, wood and carpet.

Put on rubber gloves, vapor mask, safety glasses and appropriate footwear (acid resistant rubber spiked shoes are recommended).

Complete the necessary pre-treatment cleaning and preparation to the entire area and dry.

Complete the small test area to ascertain the correct dwell time.

If necessary divide the total area up sensibly and work out your best application strategy.

Using a flat type mop or lamb wool applicator, submerge the mop then spread the Eclipse Anti-Slip Treatment evenly over the area to be treated as follows:

- Apply to surfaces starting along one wall and draw it one way only along the wall.
- Turn and draw the mop parallel to the first application, overlapping 50 mm over the wet surface.
- Continue this way until the treatment area(s) have a liberal amount of Anti-Slip Treatment on it.