



AS17 ANTI SLIP SOLUTION

ACID CLEANER AND ANTI-SLIP TREATMENT

USES

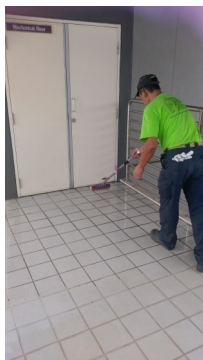
1. Suitable for homogeneous tiles, cement floors, marble, granite and pebble stone surfaces.
(Not suitable for printed pattern ceramic tiles as it will etch away the surface layer.)
2. **AS17** etching treatment is an invisible floor treatment, not a coating.

APPLICATION METHOD

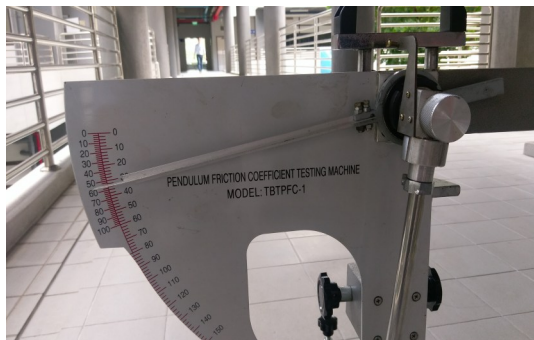
1. Dilute **AS17** with **1 volume of water**, wet the floor and spread with PVC mop.
2. **AS17** will etch the tile surface in about 20 minutes to increase the slip resistance.
3. Test by stepping on it to feel the slip resistance.
4. After treatment, rinse immediately with water.
5. **Do not over-etch**; it will roughen the floor with the tendency to trap dirt and stain.

COVERAGE 16 m² / liter

PACKING 1-kg bottle, 5-kg carboy, 10-kg carboy, 20-kg jerry can



Product used on toilet floor
at Ngee An Polytechnic.



Anti-slip test reading above 40—possibility of slip is extremely low.



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CLEANING AND MAINTENANCE

1. Simply keep it free of dirt and oil.
2. Do not apply wax or apply glossing solutions containing wax to a treated floor.
3. Wax will increase the chances of slip and falls.
4. After a few years, can maintain the frictional resistance by add 10% **AS17** into the Detergent to mop the floor.

CAUTION

1. Will whiten or dull black or dark-coloured tiles or stone surfaces.
2. Test on a small area to check for colour changes before treating the whole area.
3. **Corrosive**; will corrode stainless steel, aluminum and glass.

SAFETY PRECAUTIONS

1. Wear nitrile gloves, gumboots and safety goggles.
2. Skin contact: It will penetrate the skin. Wash immediately with soap and plenty of water.
3. Eye contact: Flush the eye for 15 minutes with plenty of water and seek medical attention immediately.

STORAGE

Keep in the original containers. Do not switch to other containers.

Make sure the cap is closed tightly.

Above are our recommendations based on in-house testing and experience.

When in doubt, please do a preliminary testing on-site before use.



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NOTE – Recommendations for the selection of pedestrian surface materials (in terms of the minimum pendulum or ramp specifications) for some specific locations are given in Annex E.

Table 2 – Wet pendulum test classification

Classification	Mean British Pendulum Number (BPN)		Notional [†] contribution of floor surface to the risk of slipping when wet
	Four S rubber*	TRL rubber*	
V	> 54	> 44	Very low
W	45 to 54	40 to 44	Low
X	35 to 44	-	Moderate
Y	25 to 34	-	High
Z	< 25	-	Very high

* While either of these rubbers may be used, the test report shall specify which rubber was used.

[†] The term 'notional' has been used to highlight the need to consider all potential contributing factors to a slip incident.

NOTE – It is expected that these surfaces will have greater resistance when dry.

Table 3 – Dry floor friction test classification

Classification	Floor friction tester mean value	Notional [†] contribution of floor surface to the risk of slipping when dry
F	≥ 0.4	Moderate to very low
G	< 0.4	High to very high

Disclaimer:

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Safe high reading of 88.
Reading above 40 is safe.



Scrub the floor with AS17.
Wear goggles and gloves to protect yourself.



After treatment, free calcium may flow out from the cement joint. It can be removed by scrubbing.
Suggest pre-treating the joint with SS10 before AS17 treatment.

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