



# THANETOP P772

## Two Components Poly-urea -Polyamine (Hybrid) Protective Top Coating (Anti-Abrasion, Anti-Dust, Anti-Slip)

雙組成份液態聚胺混合體保護面漆 (抗磨、抗塵、抗滑溜)

### 1.0 Description

A high performance moisture curing Polyurea - Polyamine (Hybrid) finish for use in both interior and exterior area where low-gloss retention, non-dust attractive is required. Thanetop P772 performs with excellent abrasion, UV resistance, fire retarding, chemical resistance, anti-slipping and also provides additional protection to waterproofing membrane, concrete pavement, foot bridge, etc. It can also be treated as top coat and be compatible to most type of coating likes Polyurea, Epoxy, Acrylic etc.

### 2.0 Technical Data

Colour	Various, Refer MP Colour chart
Finish	Semi-Gloss
Thinner	Mineral Spirit
Solids By Volume	>57%
Theoretical Coverage	23m <sup>2</sup> /L (25 microns)
Dry Film Thickness in 2 coats	>110 microns
Abrasion Resistance (on Labond K770 Elastomer) Taber CD17 ASTM D4060	18mg – 20mg
Slip Resistance (BS EN 13036-4:2011)	PTV > 28, PTV > 50(with appropriate grit)
Fire Retarding	BS476 part 7 Class 1
Drying Time	32 hrs(4°C); 24 hrs (16°C); 10 hrs (27°C)
Pot Life	4 hrs (25°C)
Shelf Life	32 months under unopened condition

### 3.0 Typical Application

For use on properly prepared and primed steel, concrete floor or steel floors, masonry, metal, concrete block, stone cladding, tiles, aluminium, and poured concrete, ideal for use in interior and external floor finish, structural steel, piping, metal buildings, control cabinetry, conveyors, pumps, storage tanks, motors, machinery, and transportation vehicles.

### 4.0 Application Details

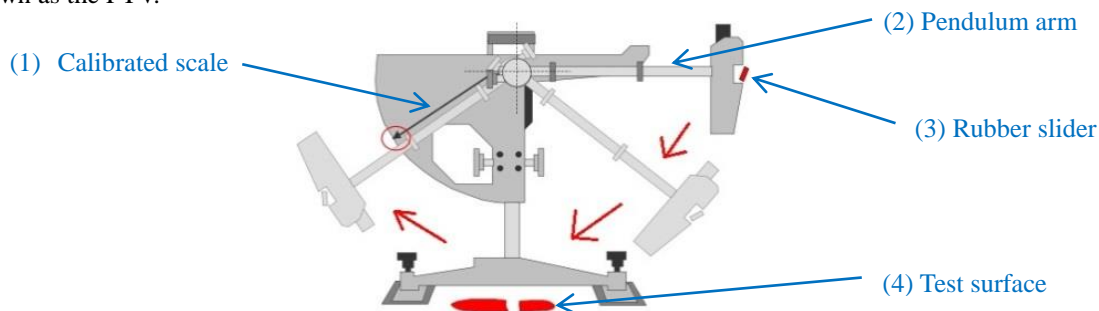
Equipment such as airless spray, air spray, roller or brush can be used, but do not apply over wet surfaces or under very humid conditions where condensation or fog could settle on the coating during the cure process. For airless spray, any air, electric, or gas operated sprayer capable of 3,000 psi (207 bars) and able to support a .001” to .017” tip sizes can be used.

LABOND

## 5.0 Instrument / Criteria in Defining Slip Potential

The slip/skid resistance of a surface can be measured by the European Standard BS EN 13036-4:2011 using a Pendulum Tester. This test can be directly carried out in the field and the Pendulum Test Value (PTV) can be obtained instantly.

The Pendulum Tester consists of a standard rubber slider (Slider 57 for vehicular traffic/ Slider 96 for shoed traffic) mounted on a pendulum arm. When the pendulum arm is released from a horizontal position, the rubber slider passes through the test surface and energy is lost through the process. The slip/skid resistance is reflected by the loss of energy, which is proportional to the reduction in length of the upswing against a calibrated scale and the value obtained is known as the PTV.



Health and Safety Executive (HSE), a non-departmental authoritative public body of the United Kingdom whose report has been used in the common law cases, has published a technical information sheet about “Assessing the slip resistance of flooring” in 2012 and gives the interpretation of pendulum results as follows:

	<b>PTV</b>
High slip potential	0-24
Moderate slip potential	25-35
Low slip potential	36 +

### Suggestions from Master Proofer Technical Department:

PTV 0-24: It is unsafe. Arrange a floor treatment as soon as possible.

PTV 25-35: It is acceptable for normal walking attitude and conditions. Regular check should be performed to avoid the lowering of PTV due to dirt accumulation.

PTV 36+: It is a comparatively safe surface for normal walking attitude and conditions. A regular check should be performed every year.

\*Apart from the regular instrument calibration, a calibrated rubber slider that is within its validity period should be used in order to obtain a correct PTV. If the pendulum tester cannot be used for testing in some places where the space is not enough, ASM 725 could be used as a reference such that SCOF 0.6 approximately equals to PTV 25-28.

## 6.0 Health and Safety

**Thanetop P772** contains irritating material and is harmful to eyes and skin. Use old or protective clothing and rubber gloves. When spraying, use face visors. Do not smoke in vicinity and allow adequate ventilation.

## 7.0 Cleaning

Tools can be cleaned with any aromatic solvent after use.

## 8.0 Packaging

18kg /Set; Part A + Part B