



慶泰樹脂



ISO 14001



ISO 9001



國際田徑協會認證

國際網球協會認證

正字標記

環境管理認證

國家磐石獎

國際品質認證

台灣精品

國家品質獎

PU 防水材料

PU防水材 · PU防熱塗料

Polyurethane Waterproofing Material





PU

是世界最佳屋頂防水材

慶泰PU防水·防熱塗料

Polyurethane Waterproofing and Heat-proofing Material

● 特 性

- 1.物性強：附著力強，具韌性及彈性。
- 2.耐性廣：耐候、耐水、耐化學性均佳。
- 3.防腐朽：可防建物水泥、鐵材老化。
- 4.易施工：不受建物形式、氣溫影響，施工容易。



PU防水工程面漆型
Waterproofing-Top coat

● Features

- 1.Strong physical properties: strong adhesion, resilience & elasticity.
- 2.Excellent endurance: excellent resistance to weather, water and chemical.
- 3.Anti-corrosion: protection concrete and steel from corrosion.
- 4.Easy application: a wide range of application, no restriction against construction, and weather.



PU防水彩化屋頂工程
Waterproofing for roof



PU防水防熱型
Waterproofing and Heat-proofing



● 用 途

- 1.屋頂防水：大廈、民宅、工廠、營舍等。
- 2.壁面防滲：內外壁、地下室。
- 3.夾層防水：浴室、空中花園。
- 4.管道防水：地下水泥涵管防水。

● Usages

- 1.Waterproofing for flat or sloppy roofs: factories, mansions, barracks, etc.
- 2.Impermeable use on wall of building: external or internal walls, basements.
- 3.Waterproofing for sandwich: bathroom, roof garden.
- 4.Waterproofing for Pipe: underground concrete piping.

● 材料與用途

- 1.底 漆：
MP-666、BP-333素地滲入接著用
- 2.防水材：
WP-102 系列—
平面專用（顏色：黑、綠、Tar）
外壁防水材系列—
垂直外壁專用（顏色：黑、灰）
WP-102MTN—
地下室外牆防護用（顏色：Tar）
- 3.面 漆：
防水面漆型—
TC-992系列（顏色：綠、彩綠、紅棕、灰）
防水防熱型—
PU防熱霜（顏色：白）

● Material

- 1.Primer :
MP-666、BP-333 Adhesion use for substrate
- 2.Waterproofing :
WP-102 Series:
for flat surface (Colors: Black, Green, Tar)
External Wall Waterproofing Series:
for external vertical surface (Colors: Black, Gray)
WP-102MTN:
for external wall of basement (Color: Tar)
- 3.Top coat :
Waterproofing Top Coat:
TC-992 Series (Colors: Green, Island green, Red-brown, Gray)
Waterproofing and Heatproofing Top Coat:
PU heat-resistance material (Color: White)



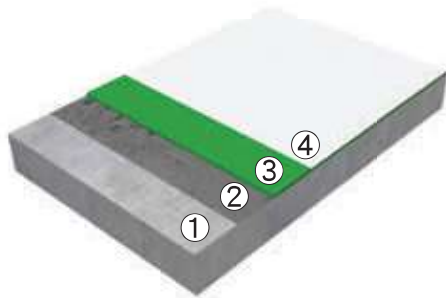


PU

是世界最佳屋頂防水材

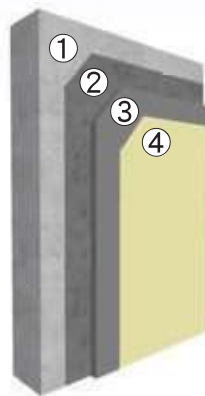
PU 防水施工結構設計

屋頂
曝露型工法



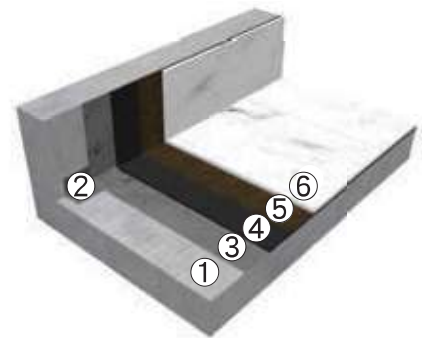
- ①1:3水泥粉光
- ②PU底漆BP-333
- ③PU防水材WP-102
- ④PU面漆TC-992/PU防熱霜

垂直壁面 (外牆)
曝露型工法



- ①1:3水泥粉光
- ②PU底漆BP-333
- ③外壁防水材
- ④PU面漆TC-992/PU防熱霜

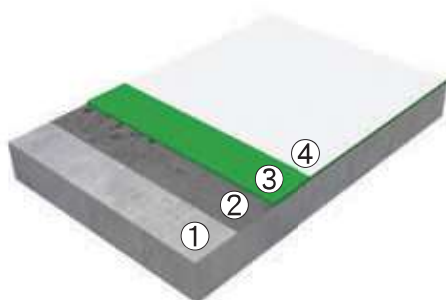
屋頂、浴廁
覆蓋型工法



- ①1:3水泥粉光
- ②牆角角隅PU填縫材補強
- ③PU底漆BP-333
- ④PU防水材 WP-102T
- ⑤PU底漆 + 撒石英砂 CC50
- ⑥黏貼指定建材 (磁磚、隔熱磚、發泡水泥)

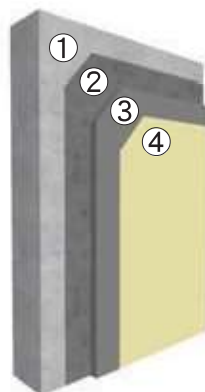
PU Application Structure

Waterproofing and
Heat Proofing for Roofs
(External)



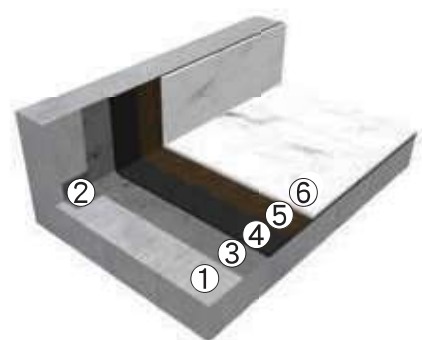
- ①1:3 Concrete Polish
- ②Primer-BP-333
- ③WP-102 Waterproofing Material
- ④PU Top Coat-TC-992/Heat Proofing Material

Waterproofing for
External Walls



- ①1:3 Concrete Polish
- ②Primer-BP-333
- ③External Wall Waterproofing
- ④PU Top Coat-TC-992/Heat Proofing Material

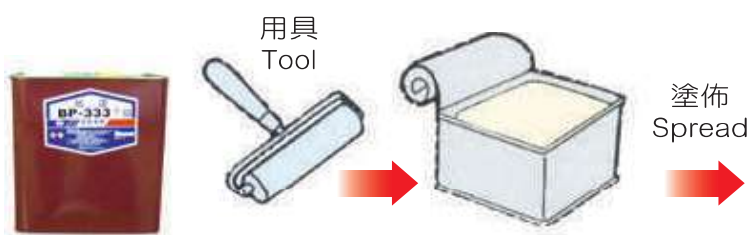
Waterproofing for Roof and
Bathroom Floor (Internal)



- ①1:3 Concrete Polish
- ②PU Sealant Material
- ③Primer-BP-333
- ④WP-102T Waterproofing Material
- ⑤Primer + Silica Sand
- ⑥Tiles, Insulation Brick or Cellular Concrete

PU防水・防熱施工圖解 Application illustration

●底漆塗佈 Priming



●防水材鋪設－屋頂、平面施工 Waterproofing for roof and flat surface



●防水材鋪設－外壁施工 Waterproofing for external wall



●表面處理－PU面漆塗佈 PU top coating

止滑處理→止滑粉：主劑：硬化劑=0.4:10:10

Non-slip application mixing ratio→

Silica:ComponentA:ComponentB=0.4:10:10



●表面處理－PU防熱塗料塗佈 Heat-proofing application





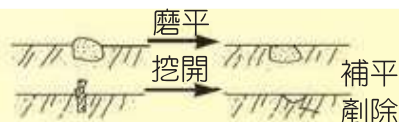
PU

是世界最佳屋頂防水材料

PU 防水施工注意事項說明 Limitation

地坪處理 Surface preparation

鏟除屋頂地坪凸出物、雜物
使其平坦並打掃乾淨無灰塵。



Surface must be dry and free from grease, oil and other forms of contamination.

裂縫女兒牆 落水口處理 Parapet treatment

1. 在龜裂處先塗底漆再以防水材、填縫材先行修補或不織布補強。
2. 底漆塗佈後，女兒牆應作10cm高之防水材。落水口應先行調整至順利排水之坡度。

1. All cracks should be primed before using waterproofing, sealant material or non-woven textile to patch and level.
2. After priming, the height of parapet should be kept in 10 centimeters, and ensure all slop drains are kept properly for better drainage.

底漆塗佈 Priming

以毛刷或滾輪刷均勻塗佈底漆，水泥地坪有起沙現象時需加強之。
Primer BP-333 must be applied homogenously by brush or roller.

防水層鋪設 Application

1. 將 PU 防水材主劑、硬化劑依一定比例充份均勻攪拌，倒入地坪中。
2. 以鋸齒狀鏟刀刮塗以控制用量與厚度使其均勻平坦。

1. Mix PU waterproofing material Part A with Part B proportionally
2. Stir thoroughly by serrate trowel.

表面層處理 Finish coating

1. 防水材鋪設後經一天（24小時）以上始可再施工或塗佈面層。
2. 以TC-992系面漆及止滑粉混均後以噴槍、滾輪刷塗佈。

1. The surface should be dry at least for 24 hours before recoating.
2. Mix TC-992 series coating with anti-slip powder. Stir thoroughly and apply by roller or spray gun.

隔熱處理 Thermal insulation treatment

1. 塗佈PU防熱霜。
2. 加蓋隔熱磚，或其他隔熱材料、或塗佈PU防熱塗料。

1. PU heat proofing should be applied to the surface.
2. Insulation brick, other thermal insulation and PU heat proofing materials can be applied to the surface.

The worldwide Best Waterproofing Material for Roof



剷除凸出物、雜物
Eliminate all the contamination



牆角補強施工
Reinforcement at corners



地板裂縫補強施工
Reinforcement at cracks

素地整理

Surface Preparation



打底漆
Priming



防水材施工 Waterproofing application



面漆塗佈 Top coating



防熱塗佈
Heat-resistance material spread



完成圖 Finished

工程實例 *Reference*



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