

Heavy Duty System - Thanecoat W300 / W302 Polyurethane Waterproofing Coating

立康牌快固 W300 / W302 聚脲脂防水塗層 - 加強系統

Diagram A 步驟 1 - 先做企身位

先用油掃塗上第一層防水膠於一段牆腳位置 (約 2 米長), 並即時將已預備好的“加強布”貼上已油好的防水膠上, 並用油掃輕壓以取得“貼”的效果。

Always start application from Skirt area with one coat of Thanecoat for certain area. Attach one layer of MP MESH A900 to the first layer of Thanecoat surrounding the Skirt area. Make sure the mesh attaching to Thanecoat is in good shape which is not either loosening off or peeling out from coating.



Diagram B 步驟 2

再用油掃塗上第二層防水膠於“加強布”上。並順推一個方向以取得“貼”及“均”效果。

Topping with another layer of Thanecoat to form sandwich system for skirt area. to achieve homogeneous and flatten surface.



Diagram C 步驟 3

做好企身位後, 再做平面位置將餘下的平面位置用金屬型鏟刀或用油輻將防水膠塗上一段地面 (約 4 米)

Apply the remaining horizontal area (every 4 m2) by using steel trowel to form homogeneous and flatten surface. .



Diagram D 步驟 4

即時放上已預備好的“加強布”貼上已塗好的防水膠上, 並用油掃輕壓以取得“貼”的效果。

Attach one layer of MP MESH A900 to the first layer. Make sure the mesh attaching to Thanecoat is in good shape which is not either loosening off or peeling out from coating.



Diagram E 步驟 5

再用油掃塗上第二層防水膠於“加強布”上。(施工時, 順推一個方向以取得“貼”及“均”效果。)

Using steel trowel to coat another layer of Thanecoat to form sandwich system. Brushing in same direction (either forward or backward) to achieve homogeneous and flatten surface.



Diagram F 步驟 6

Thanecoat 系統需等待初步凝固期完成後才可蓋上英泥層。在正常情理下, W302 需要 2 天才可作初步凝固; W300 則需要起碼 4 天或以上(視乎溫度和濕度)才可作初步凝固。It takes about 2 days for W302 and 4 days to complete initial curing. (Subject to weather conditions). Cover with onward cement screed after waterproofing test. .



Standing System – Thanecoat W300/W302 Polyurethane Waterproofing Coating

立康牌快固 W300 / W302 聚胺脂防水塗層 – 常規系統

Diagram A 步驟 1

All surface should be sound, clean, dry, free of dust, oil, grease or other contamination. Loose matter should be removed by compressed air or similar method. Any cracks under 1.0 mm should be pretreated with a 50 mm wide stripe of “Thanecoat W300/302” comprised by two coat and one layer polyester mesh in between coats.

施工的表面要清除所有疏散物質，達到乾透，無隙及無油污等。表面如有超過 1 mm 以上裂痕需先用 50mm 闊的 “Thanecoat W300 / 302” 系統(即兩層液材和兩層間加上加強布)處理。



Diagram D 步驟 4

Make sure the mesh attaching to Thanecoat is in good shape which shane not be either loosening off or peeling out from coating.

所裝的“不織布”需固定並不要出現鬆脫和鬆離現象。



Diagram G 步驟 7

Treat with roller to help releasing of trapped bristle and make good the surface of coating.

用毛捲處理塗層表面，讓空氣粒容易釋出。



Diagram B 步驟 2

Always starts application from Skirt area with the first coat of Thanecoat applied to a certain length.

先從牆角位做起，先塗上一定長度的塗料。



Diagram E 步驟 5

Apply another layer of Thanecoat onto the top of mesh so as to form a sandwich system. Repeat the procedure to complete the system to skirting and other vertical surface.

再塗上第二層“Thanecoat”形成夾心層系統，重覆以上施工程序至其他牆角及企身位置。



Diagram H 步驟 8

A completed Thanecoat system pending initial curing process and onward water test arrangement.

一個完成了的“Thanecoat”系統需等待初步凝固及事後進行防水測試。



Diagram C 步驟 3

Attach one layer of MP MESH A900 onto the first layer of Thanecoat.

貼上一層“不織布”。



Diagram F 步驟 6

Apply the remaining horizontal area by using steel trowels. (The teeth of saw-like edge of trowels serve as tool for controlling thickness of coating.)

將餘下的平面位置用鏟形鏟刀施工(總共厚度需不少於 1.5 毫米，鏟刀可幫助控制塗層厚度)。



Technical Notice 注意技術事項

- W300 is to be cured by moisture in air.
W300 是單組份聚胺脂，是以吸收空氣水份凝固。
- W302 is cured by mixing of two components and by chemical reaction
W302 是雙組份 PU，是以合成固化劑化學作用凝固。
- Thanecoat system is not a “exposed type” roofing system. It requires a protection layers, e.g. silver coating, cement/ sand screed, roof tile etc.
立康快固系統不適用長期暴露陽光下，要有保護層，如磚瓦地台等。