

## PROFOIL BUILDING PRODUCT QUALITY PLAN

**JUNE 2017**

**For New Zealand and Australia**

**Contact:**

**Progress Profiles Oceania Pty Ltd.**

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## 1- Product Components Specifications & Descriptions

**PROFOIL** is a waterproofing membrane, with a thickness of 415 µm. The membrane is composed by a low density polyethylene sheet provided on both sides with non-woven thermos-welded polypropylene fabric that guarantees its adhesion. **PROFOIL** guarantees the waterproofing in environments in direct contact with water such as swimming pools, bathrooms and kitchens, and with high vapor tension such as saunas and wellness centers.

**PROBAND FIX** is a moisture-cure sealant that has high adhesion and elasticity. It guarantees with **PROBAND 150 / 250** the waterproofing between two adjacent sheets of **PROFOIL** and the connection between floor and wall. **PROBAND FIX**, available in white and grey colour, has not unstable components and ensures a high adhesion of **PROBAND 150 / 250**.

**PROBAND 150** is an elastic waterproof tape in polyethylene provided on both sides with polypropylene non-woven fabric that guarantees its adhesion. The tape guarantees the waterproofing along the connection between floor and wall and between adjacent sheets of **PROFOIL**.

### AREAS OF USE

#### Use

Waterproofing membrane for substrates and vertical structures before laying ceramic tiles and natural stone. Very resistant to saline solutions, acids and alkalis, alcohol and oils. It guarantees the waterproofing of screeds, swimming pools bathrooms, saunas and kitchens.

#### Do not use

On bituminous coverings, to waterproof walkable surfaces and on insulating panels and lightweight screeds not suitable for the laying of flooring. As uncoupling and vapour management membrane.

### WARNINGS

For the laying of **PROFOIL** mix the adhesive with 5% - 10% of water more than the percentage written on the bag to guarantee the full back coverage of the membrane (watch the installation video <https://www.youtube.com/watch?v=7UoZZoFzuJg>). After membrane laying it is possible to apply the tiles immediately. In case of outdoor application protect **PROFOIL** to sunlight. Once installed, the membrane must be protected against heavy mechanical loads to avoid damage. It is advisable to place running boards to protect the membrane. Do not use it on substrates subject to continuous rising moisture. For information not explained in the technical details, please contact our technical department.

**Products supplied by Progress Profiles Oceania Pty Ltd. :**

1. PROFOIL
2. PROBAND 150/250
3. PROBAND FIX

For Product Specifications please refer to Manufacturer Safety Data Sheets that are held on file or Appendix 1 in this document.

The PROFOIL MEMBRANE SYSTEM has the following characteristics:

Aspect: Polymeric composed sheet

Color: Cyan

Total thickness:  $\approx 415 \mu\text{m}$

The distributor for PROFOIL MEMBRANE SYSTEM components in New Zealand & Australia is:

Progress Profiles Oceania Pty Ltd.

Unit 21 / 25-37 Huntingdale Rd.

Burwood VIC 3125 (Melbourne) Australia

Tel: +61 3 9888 7263

Website: [www.progressprofiles.com](http://www.progressprofiles.com)

PROFOIL MEBRANE SYSTEM components are commercialized by:

Progress Profiles S.p.a.

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## 2 - Compliance with the building code

### 2.1 COMPLIANCE WITH THE NEW ZEALAND CODE

PROFOIL MEMBRANE SYSTEM complies with the following clauses of the New Zealand

Building Code:

**B1** - Mechanical performance B1.3.2

**B2** - Durability B2.3.1 (a)

**E2** - External moisture - E2.3.2

**F2** - Hazardous Building Materials- F2.3.1

**G12** - Potable water - G12.3.1

### 2.2 B1 STRUCTURE

PROFOIL MEMBRANE SYSTEM installed as per this manual is able to withstand pass the Dry Delamination, Wet delamination, Tensile Strength and Edge Tear Resistance Tests and the described in AS/NZS 42001.1/2. Also pass the Folding Endurance Test described in AS/NZS 4201.3 and 130.423

### 2.3 B2 DURABILITY

PROFOIL MEMBRANE SYSTEM, a polyethylene membrane, applied in accordance with this manual will meet the requirements of NZBC Clause B2.3.1(a) movement over joints over time, being tiled and therefore protected by UV rays, the durability of the material is guaranteed. Also pass the Folding Endurance Test described in AS/NZS 4201.3 and 130.423

### 2.4 E2 EXTERNAL MOISTURE

PROFOIL MEMBRANE SYSTEM applied in accordance with this manual is compliant to the requirements of NZBC E2.3.2 relating to the resistance of water penetration, described in AS/NZS 42001.4, (hydrostatic water resistance, susceptibility to leakage), provided the integrity of the specified system is maintained.

### 2.5 F2 HAZARDOUS BUILDING MATERIALS

In reference to NZBC Clause F2.3.1 regarding Hazardous Building Materials, PROFOIL MEMBRANE SYSTEM is non-hazardous. All safety precautions to be adhered to are provided in this technical manual.

## 2.6 BUILDING CODE OF AUSTRALIA

PROFOIL MEMBRANE SYSTEM complies with the following clauses of the Building Code of

Australia:

### FP1.4 & P2.2.2 - Waterproofing and Dampness

A roof and external wall (including openings around windows and doors) must prevent the penetration of water that could cause:

- (a) Unhealthy or dangerous conditions, or loss of amenity for occupants; and
- (b) Undue dampness or deterioration of building elements.

### Certifier evaluation of relevant clauses and referenced standards NCC 2015.

<b>Product Name</b>	PROFOIL is a waterproofing membrane, with a thickness of 415 µm. The membrane is composed by a low density polyethylene sheet provided on both sides with non-woven thermos-welded polypropylene fabric that guarantees its adhesion.
<b>Supplier</b>	Progress Profiles Oceania Pty Ltd.
<b>Product intended scope of use</b>	Waterproofing membrane for substrates and vertical structures before laying ceramic tiles and natural stone. Very resistant to saline solutions, acids and alkalis, alcohol and oils. It guarantees the waterproofing of screeds, swimming pools bathrooms, saunas and kitchens.

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### Relevant clauses and standard:

Performance Clauses	DTS Clause	Relevant standards	Description
FP1.4	F1.4	AS 4654.1-2012 Waterproofing Exterior Areas Of Buildings (Decks and Roofs)	Waterproofing Exterior Areas Of Buildings (Decks and Roofs)
FP1.7	F1.7	AS/NZS 4858:2004 Wet Area Membranes Used In Bathrooms, Kitchens and Laundries (Internal Areas)	Wet Area Membranes Used In Bathrooms, Kitchens and Laundries (Internal Areas)
N/A		AS/NZS 4200.1: Pliable building membranes and underlays - Materials	Pliable building membranes and underlays - Materials

## 3 - Limitations & considerations

### 3.1 LIMITATIONS

#### Area of use

PROFOIL MEMBRANE SYSTEM is a waterproofing system for substrates and vertical structures before laying of ceramic tiles and natural stone. It is very resistant to saline solutions, acids and alkalis, alcohol and oils. It guarantees the waterproofing of screeds, swimming pools bathrooms, saunas and kitchens.

#### Do not use

On bituminous coverings, to waterproof walkable surfaces and on insulating panels and lightweight screeds not suitable for the laying of flooring. As uncoupling and vapour management membrane.

### 3.2 CONSIDERATIONS

PROFOIL MEMBRANE SYSTEM must be installed by trained installers as per the requirements and details shown in this manual to ensure the quality of the waterproofing system.

PROFOIL MEMBRANE SYSTEM components should be stored on site or in the warehouse in a way to protect them from freezing and sunlight. Shelf life of product is 2 year and expired product shall not be installed.

For the laying of PROFOIL mix a C2TE adhesive with 5% - 10% of water more than the percentage written on the bag to guarantee the full back coverage of the membrane (watch the installation video <https://www.youtube.com/watch?v=7UoZZoFzuJg>). After membrane laying it is possible to apply the tiles immediately. In case of outdoor application protect PROFOIL to sunlight. Once installed, the membrane must be protected against heavy mechanical loads to avoid damage. It is advisable to place running boards to protect the membrane. Do not use it on substrates subject to continuous rising moisture. For information not explained in the technical details, please contact our technical department.

### 3.3 FEATURES AND BENEFITS

- PROFOIL MEMBRANE SYSTEM has NO solvents in product. PROFOIL MEMBRANE SYSTEM therefore has NO VOC'S
- PROFOIL MEMBRANE SYSTEM goes directly over most substrates after water blasting clean, i.e. plywood, iron roofing, Butynol, EDPM, torch-on membrane, TPO, concrete block walls, cement board, Hardies board and planks.
- PROFOIL MEMBRANE SYSTEM can be patched or repaired and remain seamless.
- PROFOIL MEMBRANE SYSTEM is able to be elongated to 50% of its' finished size.



- PROFOIL MEMBRANE SYSTEM is very cost effective.
- PROFOIL MEMBRANE SYSTEM application once detail work is completed is applied at a minimum rate of 150 m<sup>2</sup> per day.
- PROFOIL MEMBRANE SYSTEM can be used for Warm Roof applications.
- PROFOIL MEMBRANE SYSTEM has a product warranty of 10 years.
- PROFOIL MEMBRANE SYSTEM has very strict quality control criteria, including photos, during and after application.
- Product durability of PROFOIL MEMBRANE SYSTEM membrane will exceed a twenty year life expectancy.

## 4 - Job preparation

### 4.1 Suitable substrates

PROFOIL MEMBRANE SYSTEM may be used throughout the building system in flooring and waterproofing. The membrane could be applied, using a suitable adhesive, on a screed.

PROFOIL MEMBRANE SYSTEM can be used on both new and existing substrates. The substrates shall be defined as "suitable" by the contractor and Progress Profiles Oceania Pty Ltd prior to every application by the applicator carrying out a pre-job survey and submitting to Progress Profiles Oceania Pty Ltd for pre-approval prior to any quotation being given. Refer to Pre-job survey form. Progress Profiles Oceania Pty Ltd highly recommends an in-field peel test be performed prior to the commencement of each project. The list of suitable substrate and specific substrate preparation is given in Chapter 5.

### 4.2. Inspection

All new and existing substrates shall be carefully inspected. If areas of the system are deemed to be improperly adhered, it is necessary to prepare the substrate before laying the system.

### 4.3 Surface Cleaning and repairs

A clean substrate is an essential component to the overall success of the PROFOIL MEMBRANE SYSTEM system.

1. Clean the support from dust, oil, grease, friable or weakly anchored parts, cement residuals, lime, plaster or paintings.
2. Verify the screed flatness and in case of waterproofing the presence of adequate slopes, suitable for the discharge of rain waters.
3. Verify the solidity of the screed with a hammer.
4. Verify the resistance to the abrasion of the screed with a chisel. Repair possible cracks in the screed bigger than 1 mm with an epoxy double-component ultra-rapid resin. In case of overlapping, verify anchoring and the cleanness of the old floors. For further information see the attached "PROFOIL MEMBRANE SYSTEM APPLICATION MANUAL"



## 5 APPROVED SUBSTRATES AND THEIR PREPARATION

### 5.1 Approved Substrates

The following list of substrates has been approved for the PROFOIL MEMBRANE SYSTEM. Other surfaces require approval from Progress Profiles Oceania Pty Ltd prior to any quotation been given.

#### Concrete / Screed

- Use PROFOIL MEMBRANE SYSTEM 1-part or PROFOIL MEMBRANE SYSTEM
- Verify that form release agents and curing compounds are not present on the surface that could affect PROFOIL MEMBRANE SYSTEM s' ability to bond to the concrete. If present, they must be removed by sandblasting or other approved methods.
- New concrete must be cured a minimum of 28-days. Concrete must be moisture tested at pre-job inspection and prior to any application of The PROFOIL MEMBRANE SYSTEM System. Where required, new or existing concrete shall be abrasively cleaned in accordance with ASTM D4259 to provide a sound substrate free from laitance on a concrete surface. When using mechanical methods to remove existing waterproofing products or surface deterioration, the surface profile is not to exceed 1/8-inch / 3 mm peak to valley.
- A light broom finish is optimal.
- Fill all bug holes larger than 1/4" - 0.6 cm with quick cure concrete, PROFOIL MEMBRANE SYSTEM Trowel, or caulk.
- Pre-strip all cracks larger than 1/8" - 0.3 cm with PROFOIL MEMBRANE SYSTEM Under Cover and Invisilink Fabric.
- Knock clean all protrusions and irregular edges.
- Depending on the concrete, Primer maybe required. Please refer to Progress Profiles Oceania Pty Ltd

## 5.2 Substrate Specific Preparation

When using a fully adhered waterproofing membrane, surface preparation becomes one of the most critical factors in performance of the membrane. Fully adhered membranes will depend on their bond to the substrate for proper performance.

Surface preparation problems can be divided into several categories, including:

- Laitance, dust, and chemical contamination on the substrate.
- Moisture emission through the substrate.
- Physical deficiencies in the substrate.

Before the application of any products it is the responsibility of the applicator/contractor to complete a pre-application survey and submit that for preapproval to Progress Profiles Oceania Pty Ltd.

Once approved, an application can proceed as approved by Progress Profiles Oceania Pty Ltd.

Before the application of any products, the substrate shall be prepared as required for the intended application.

All substrates must be clean, dry and free of oil, grease, or contaminants, laitance, curing compounds, release agents, irregularities, loose or foreign material such as moss, dirt, ice, snow, water, dirt, algae or any other condition that would limit the adhesion of The PROFOIL MEMBRANE SYSTEM to the substrate.

Generally, pressure washing is all that is needed. Some surfaces may require acid etching, scarifying, grinding or sandblasting to prepare an adequate substrate. It is the contractor's responsibility to determine bond strength and substrate moisture content both before work commences and throughout the course of work.

Please refer to the "Quick Guides" for a visual reference. The Quick Guide is found in Appendix 1.

### 5.3. Accessories supplied by Progress Profiles Oceania Pty Ltd

- Trowel 3X3 mm

#### Accessories supplied by others

- Cement Based Glue to be approved by NZ/Australian suppliers
- Timber fillets, to be approved by NZ/Australian suppliers
- All safety gear, as meets the NZ/Australian health and safety requirements
- Vents from approved NZ/Australian suppliers
- Droppers from approved NZ/Australian suppliers
- Scuppers from approved NZ/ Australian suppliers
- Rain heads from approved NZ/Australian suppliers
- Deck waste from approved NZ/ Australian suppliers

**All vents, droppers, scuppers and rain heads and deck wastes that are used for either, TPO, butynol, butyl rubber or torch on membranes are suitable for PROFOIL MEMBRANE SYSTEM application. Any others used must be approved by Progress Profiles Oceania Pty Ltd.**

## 6 IN FIELD TESTS

### 6.1 Adhesion test

#### 6.1.1. General Information - refer to section 5

The PROFOIL MEMBRANE SYSTEM can be applied on a Screed and a concrete.

The PROFOIL MEMBRANE SYSTEM System, need a stable substrate for successful application, adhesion and performance. The substrate shall be clean, dry, and free of oil, grease, contaminants, waterproofing agents, curing compounds, and loose, seams not secure or weak material removed or corrected.

Prior to membrane application, the substrate is to be evaluated to determine:

- Eligibility of surface for either PROFOIL MEMBRANE SYSTEM
- Degree of surface preparation for proper adhesion of the PROFOIL MEMBRANE SYSTEM® System

After a proper surface preparation is determined, the membrane can be installed.

#### 6.1.2 Recommended Guidelines

Progress Profiles Oceania Pty Ltd recommends the prepared substrate provide membrane adhesion with minimum bond strength of 220 psi / 15.2 bar on concrete.

For roofing and waterproofing applications the minimum bond strength will vary depending upon the substrate type and material used.

An onsite adhesion test is to be carried out on each surface as set out in Peel Test below. This test is to confirm adhesion of The PROFOIL MEMBRANE SYSTEM to the surface application that it is being applied to.

It is the contractor's responsibility to determine minimum bond strength after proper surface preparation and during membrane application throughout the course of work at intervals as required, assuring the specified adhesion.

## 6.2 Field Moisture Test

### 6.2.1. General Information

The mechanism of moisture emission from concrete substrates is a complex one that requires thorough understanding of concrete properties, moisture vapor pressure in concrete and environmental factors. Excessive moisture in the concrete slab or existing roofing systems can lead to problems in the PROFOIL MEMBRANE SYSTEM, as in all types of fluid applied membranes and coatings, including limited adhesion, blistering, delaminating, condensation, and movement. The substrate must be carefully evaluated to determine moisture content, and found to be dry prior to membrane application.

### 6.2.2. Recommended Guidelines

Progress Profiles Oceania Pty Ltd recommends concrete substrates to have a maximum moisture content of 12-15% as per the moisture meter probe. It is the responsibility of the contractor to determine proper surface preparation and moisture content prior to application and during throughout the project. A minimum of three (3) tests per 5000 SqF / 500 m<sup>2</sup> should be performed, or as may be required by field conditions of the substrate or as directed by Progress Profiles Oceania Pty Ltd.

### 6.2.3 Moisture / Relative Humidity Field Testing Methods

There are a number of ways to determine moisture content in a substrate in the field. Non-destructive methods include hand-held electronic moisture/relative humidity meters, infrared cameras, and black plastic sheet tests. The black plastic sheet test method for assessment of moisture in concrete involves installing a plastic sheet on the surface and monitoring it for formation of visible moisture below the sheet. Use of Relative Humidity measuring moisture meters are used where more reliability of measurement is required.

Progress Profiles Oceania Pty Ltd recommends the use of an electronic hand-held moisture/RH meter designed for concrete that has a pin-less meter pad with a minimum 3/4" / 2 cm penetration. Progress Profiles Oceania Pty Ltd recommend Protimeter Surveymaster SM or equivalent. Other devices may be used once approved by Progress Profiles Oceania Pty Ltd.

## 7 INSPECTIONS AND PROFOIL MEMBRANE SYSTEM WARRANTY

### 7.1 INSPECTIONS

Maintenance of the PROFOIL MEMBRANE SYSTEM is required before to apply the tiles.

A thorough physical inspection should be conducted to determine areas of physical damages to the PROFOIL MEMBRANE SYSTEM.

It should include at least the following steps:

- Inspect all sealant joints for proper adhesion to the substrate and for physical damage;
- Inspect drains or scuppers to ensure there is nothing clogging or blocking them;
- Inspect membrane surface to determine if there are any holes, cuts or ruptures;
- Inspect areas that are subject to high abrasion and wear for physical damage.

## 7.2 PROFOIL MEMBRANE SYSTEM WARRANTY

The PROFOIL MEMBRANE SYSTEM, when installed as per this manual, is guaranteed for a minimum life period of 10 years (from date of completion).

To qualify for the PROFOIL MEMBRANE SYSTEM Warranty the following are required, **IN SEQUENCE**, for each job:

1. Submit **Pre-Job Survey** form with detailed “before” job photos.
2. **Pre-Job Conference** with Progress Profiles Oceania Pty Ltd for job approval.
3. Submit **Completion of Work Form** with detailed “during” and “after” job photos.

The PROFOIL MEMBRANE SYSTEM Warranty will be issued after all submitted materials are reviewed and approved, as well as all outstanding invoices to Progress Profiles Oceania Pty Ltd are paid in full. Failure to provide the above requirements, **IN SEQUENCE**, voids the ability to qualify for warranty. No warranty will be considered if required materials are submitted after the start, or finish of a job. \*Please see warranty section in this manual for full details.

All materials shall be installed by a knowledgeable, licensed Applicator / contractor:

1. The applicator / contractor must have completed a Progress Profiles Oceania Pty Ltd training course and also have been certified as an applicator by Progress Profiles Oceania Pty Ltd prior to any applications being completed.
2. The applicator / contractor must have current public liability insurance coverage. The insurance cover must remain in force for the duration of the project.
3. All Progress Profiles Oceania Pty Ltd products shall be installed by a applicator / contractor or a company approved by Progress Profiles Oceania Pty Ltd and only by individuals who have completed required training and been issued a Progress Profiles Oceania Pty Ltd certificate of completion of same .
4. All details relating to the installation of the PROFOIL MEMBRANE SYSTEM shall be approved by the contractor and Progress Profiles Oceania Pty Ltd and properly installed in order to qualify for the manufacturer's warranty. Progress Profiles Oceania Pty Ltd must be supplied with a prejob report along with detailed photos before the project begins.
5. Progress Profiles Oceania Pty Ltd shall certify that products have been applied correctly and that the applicator / contractor are authorized and approved for the application of our materials before installation.



## WARRANTY REQUIREMENTS

To qualify for the PROFOIL MEMBRANE SYSTEM ® Warranty the following are required, **IN SEQUENCE**, for each job:

1. Submit completed Warranty Request/Pre-Job Survey form with required “before” job photos
2. Pre-Job conference with the PROFOIL MEMBRANE SYSTEM Distributor before product application
3. Submit Completion of Work form with required “during” and “after” job photos
4. Payment to Distributor for all materials in full, before warranty is issued.

PROFOIL MEMBRANE SYSTEM Membrane Warranty may be issued after all submitted materials are reviewed. Failure to provide the above requirements, **IN SEQUENCE**, voids the ability to obtain a warranty.

## PHOTO REQUIREMENTS

**BEFORE:** Overview – 3 minimum, at least of the following each:

- From the Ground
- Overview
- Access points

**DETAIL:** 6 minimum. Include the following:

- Wall Transition - Seams Detail - Scuppers
- Drains - Parapet walls - Vertical projections
- Roof edge - AC Units - Skylights

**AREAS OF CONCERN:** 2 minimum of each area of concern

**DURING APPLICATION:** 1 area of concern

**AFTER:** Duplicate photos from same areas in Overview, Detail, and Areas of Concern, **AFTER** installation of PROFOIL MEMBRANE SYSTEM , **BEFORE** covered in any way

## IMPORTANT

- Each job must be individually reviewed by the Distributors' Technical Representative **PRIOR** to quoting.
- Any pre-job materials submitted after the start of a job will not be accepted. (“Start” of a job implies any and all work applying to a job to be warrantied, including surface preparation.)
- The Distributor does not guarantee a warranty will be issued for every submitted request. Warranty eligibility will be determined after the review of all required submitted materials.
- All invoices due to the Distributor must be paid in full before a warranty will be issued.





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Cap. soc. € 120.000,00 i.v.  
N. Meccanografico TV 44685

## WARRANTY REQUEST/PRE-JOB SURVEY FORM GENERAL PROJECT INFORMATION

PLEASE PRINT ALL INFORMATION LEDGIBLY AUTHORIZED APPLICATOR

Company name: \_\_\_\_\_ Contact: \_\_\_\_\_

Contact name: \_\_\_\_\_ Contact Ph: \_\_\_\_\_

Street Address: \_\_\_\_\_

Email: \_\_\_\_\_

Company Phone: \_\_\_\_\_

**PROJECT ID & LOCATION BUILDING CONSENT NO:** \_\_\_\_\_

Building Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_

Building Use: \_\_\_\_\_

### BUILDING OWNER:

Owner Name: \_\_\_\_\_ Contact: \_\_\_\_\_

Street Address: \_\_\_\_\_

Contact Ph: \_\_\_\_\_

City: \_\_\_\_\_

Fax: \_\_\_\_\_

Owner Phone: \_\_\_\_\_

Email: \_\_\_\_\_



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## WARRANTY REQUEST / PRE-JOB SURVEY FORM

### ARCHITECT / ENGINEER

Name: \_\_\_\_\_

Phone: \_\_\_\_\_

### MAIN CONTRACTOR

Name: \_\_\_\_\_

Contact: \_\_\_\_\_

Street Address: \_\_\_\_\_

Contact Ph: \_\_\_\_\_

City: \_\_\_\_\_

Email: \_\_\_\_\_

### OTHER DETAILS:

**WARRANTY REQUEST / PRE - JOB SURVEY FORM**Roof hatch or other permanent access? ☐ Yes ☐ No

Height(s) of Roof(s): \_\_\_\_\_

Total M2 to warrant: \_\_\_\_\_ Job start date: \_\_\_\_\_

MEMBRANE WARRANTY DESIRED ☐ 5 YR ☐ 10 YR**PRODUCTS TO BE USED**☐ PROFOIL MEMBRANE SYSTEM ☐ PROBAND 150/250 ☐ PROBAND FIXConstruction Type: ☐ TERRACE ☐ BALCONY ☐ BATHROOM ☐ WALLNew Construction ☐ Concrete ☐ Screed**EXISTING ROOF TYPE**☐ Concrete- PreCast☐ Concrete-Cast in Place☐ Other - Specify \_\_\_\_\_**WALLS INFORMATION**☐ Thick Concrete \_\_\_\_\_ ☐ Thick Compressed Sheet \_\_\_\_\_☐ Thick Other \_\_\_\_\_



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## WARRANTY REQUEST / PRE – JOB SURVEY FORM

Waterproofing:

( ) Below Grade ( ) Between Slab ( ) Other \_\_\_\_\_

Moisture Detection Method:

( ) Core Samples ( ) Moisture Meter ( ) Black Plastic Sheet Test ( ) Infrared Thermography (attach)

Drains / Scuppers: No / Yes - specify number \_\_\_\_\_

Please note: All above substrates may require moisture survey and/or flood tests.

NOTES:





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## COMPLETION OF WORK FORM

Project:

Project Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

Date Completed: \_\_\_\_\_

### INSTALLER

Installer Name: \_\_\_\_\_ Registration No: \_\_\_\_\_

Certified Spray Tech(s): \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

### SYSTEM INSTALLED

☐ PROFOIL MEMBRANE SYSTEM

### SURFACE PREPARATION

☐ Waterblast ☐ Prime ☐ Other Materials Information



## COMPLETION OF WORK FORM

By submitting this form, we verify the PROFOIL MEMBRANE SYSTEM roofing / waterproofing membrane was installed on the stated project in compliance with the current Progress Profiles Oceania Pty Ltd.

Specifications, literature details or approved changes as discussed in the preliminary job conference with the Distributor, any changes are attached.

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Approved Applicator Number: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

### Required Submissions:

1. Pre-Job Survey Form with detailed “before photos” , and/or specifications and/or drawings.
2. Pre-Job Conference with the Progress Profiles Oceania Pty Ltd Distributor Technician.
3. Submit this Completion of Work form with the required “during” and “after” photographs as well as any infrared thermography reports and/or roof sketches.
4. Completion of Work Form.
5. All material and invoices must be paid in full.

## 8 APPLICATION GUIDANCE AND DETAIL DRAWINGS

### 8.1 Profoil Membrane System Application Manual

#### Appendix 1: PROFOIL MEMBRANE SYSTEM Parts Technical Specifications and

##### GENERAL DESCRIPTION

PROFOIL MEMBRANE SYSTEM is a waterproofing membrane, with a thickness of 415 µm. The membrane is composed by a low density polyethylene sheet provided on both sides with non-woven thermos-welded polypropylene fabric that guarantees its adhesion. PROFOIL guarantees the waterproofing in environments in direct contact with water such as swimming pools, bathrooms and kitchens, and with high vapor tension such as saunas and wellness centers.

##### TYPICAL USE

PROFOIL MEMBRANE SYSTEM ® is Waterproofing membrane for substrates and vertical structures before laying ceramic tiles and natural stone. Very resistant to saline solutions, acids and alkalis, alcohol and oils. It guarantees the waterproofing of screeds, swimming pools bathrooms, saunas and kitchens.

##### PACKAGING

PROFOIL MEMBRANE SYSTEM ® is available in rolls of 30 lm

##### Physical Properties FM & ASTM Test Result

Aspect	Polymeric composed sheet	
Color	Cyan	
Storage	24 months in a dry and cool place, avoiding exposure to direct sunlight and to heat sources	
Total thickness	≈ 415 µm	EN 1849 - 2
Width	≈ 1 m	
PP fabric weight	≈ 70 g / m <sup>2</sup>	EN 1849 - 2
PE fabric weight	≈ 140 g / m <sup>2</sup>	EN 1849 - 2
Total weight	≈ 210 g / m <sup>2</sup>	EN 1849 - 2

##### PERFORMANCE HIGT – TECH

Longitudinal breakage load	≈ 300 N / 50 mm	EN 12311-1
Transversal breakage load	≈ 190 N / 50 mm	EN 12311-1
Ultimate elongation	≈ 50 %	EN 12311-1
Crack – Bridging Ability	≥ 1 mm	
Vapor permeability of the PP fabric	≥ 50 m	
Operating temperature	- 40° C / +80° C	