



ECOFIN PRO

LIQUID MEMBRANE

Ecofin Pro is a high-performance polyurethane liquid membrane for long term waterproofing of both new roofs and for refurbishment of existing substrates.

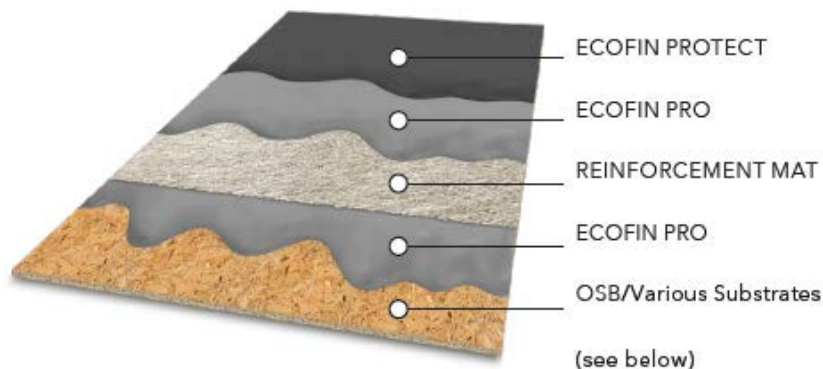


Ecofin Pro is suitable for flat roofs, balconies, terraces, walkways, pitched roofs, inverted roofs, green roofs, or for the waterproofing of aquatic zones, such as gutters, channels, etc.

Ecofin Pro liquid membrane is a perfect solution for waterproofing complicated roofs with detailed work, making it a great solution for a variety of applications.

Ecofin Pro has great adhesion to most substrates such as Bitumen, Torch-on felts, OSB, single ply, asphalt, concrete, mortar, metal, PVC, tiles and ceramics, bricks, asbestos, etc. with no need for primers on most substrates.

TYPICAL SYSTEM INSTALLATION



KEY BENEFITS

- Guarantees available from 15-25 years.
- Carries BroofT4 fire classification for unrestricted use under UK regulations.
- Suitable for total and constant immersion - when the roof holds standing water.
- Instantly resistant to rain and quick curing.
- Stir contents thoroughly before use. - no catalyst or accelerator required.
- Cold applied for maximum safety - no need for naked flames on site.
- Can be used at a temperature range of 2 degrees to 35 degrees.
- Fully reinforced system with Eagle 225grm GSM, applied wet on wet for even application, forming a tough yet flexible waterproofing system.
- Once installed, forms a seamless monolithic membrane totally adhered to the substrate.
- Can be used all year round - moisture curing.
- Ecofin Pro maintains its physical properties at -30C / +90C.
- Great resistance to chemical attacks.

 Provides long term UV resistance.	 ALL YEAR Ecofin can be installed all year.	 EXCELLENT ADHESION Excellent bonding to most roofing substrates.	 ENVIRONMENTALLY FRIENDLY Ecofin respects the environment during production and installation.	 AESTHETICS Ecofin provides a modern and aesthetically pleasing roof finish.
 SUSTAINABILITY Certified Lifespan in excess of 25 years.	 GUARANTEES Available for 15 and 20 years.	 SAFE APPLICATION No naked flames required.	 TRAFFICABLE Allows pedestrian traffic once cured.	 TECHNICAL SUPPORT Technical reports and CAD drawings available.

BEFORE YOU START

- **Assessing the Existing Roof**

Full inspection of the existing roof condition should be carried out to determine the suitability for overcoating. The existing roof must be structurally sound. If not suitable, a new roof construction will be required.

The existing roof build up should be inspected for defects, made good where required and retained. Core samples should be taken to determine the exact roof build up and its condition.

Any substrate that has collapsed or is defective or decayed, should be cut out, repaired and reinstated with a like-for-like product.

- **Ponding Water**

Remember – if you're overlaying a roof then there will be no improvements to falls or drainage and existing problems with standing water will remain. Although standing water is not detrimental to the Ecofin Pro system.

- **Compliance with Building Regulations**

You should ensure that the design of the roof to which the Ecofin Pro system will be applied is in accordance with current regulations, codes and good practice. For further guidance consult BS6229 (Code of Practice for flat roofs with continuously supported coverings), BS5250 (Control of Condensation in Buildings), Local Authority Building Control regarding compliance with regulations or seek professional advice.

- **Measuring Your Roof**

It is important to accurately measure your roof to determine the amounts of materials required. The roof area should include all areas to be coated including upstands and perimeter details e.g. tilt fillet and trims etc.

SUBSTRATE TO BE COATED	WET	FELT	ASPHALT	PVC	TPO	EPDM / RUBBER	GRP / LIQUID SYSTEMS	METAL	OSB3	CONCRETE / SCREED	PIR INSULATION
PRIMER PU1000					✓	✓				✓	Carrier Membrane
ULTRADRY	✓										
ECOFIN PRO REINFORCED WITH MATTING	8-10 sqm	6-8 sqm	8 sqm	8-10 sqm	8-10 sqm	8-10 sqm	8-10 sqm	8-10 sqm	8-10 sqm	7 sqm	8-10 sqm
ECOFIN PROTECT	25 sqm	25 sqm	25 sqm	25 sqm	25 sqm	25 sqm	25 sqm	25 sqm	25 sqm	25 sqm	25 sqm

*Coverage rates are based on theoretical coverage and are for estimating purposes only. Coverage will depend on the condition of the substrate and correct application.

- **Storage**

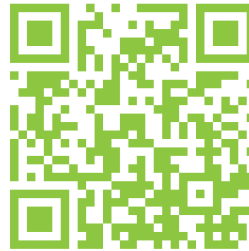
Store the product between 5-25 degrees and protect from frost and direct sunlight.

- **Plan Your Installation**

It is recommended that you familiarise yourself with the installation procedure before you start.

If further guidance is needed contact your local Eagle Waterproofing representative.

Installation Guides



- **Unused Product:**

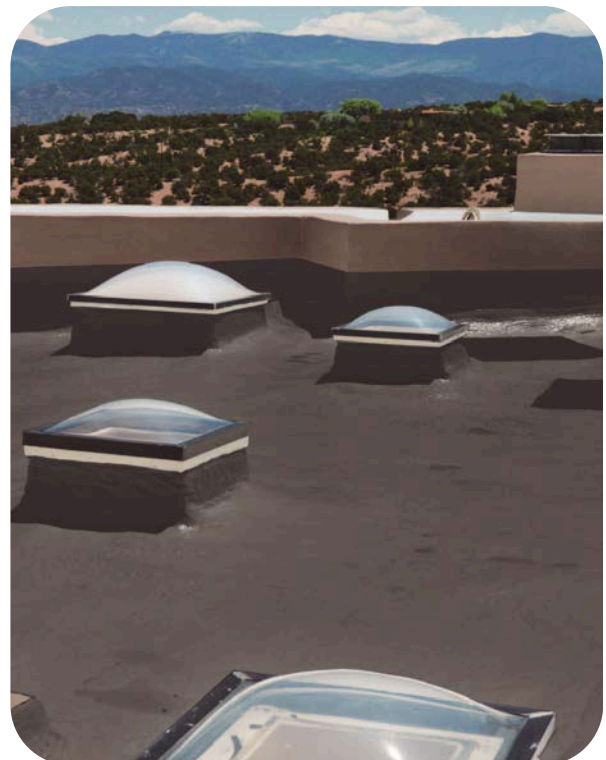
Any unused product should be kept in a re-sealed (airtight) tin/container. Ecofin Pro may skin over, remove the skin, and use the fresh product underneath. Unused Part A&B Ecofin Protect can be re-sealed and kept for future use. Any mixed product must be used on the day of mixing. If a small quantity of the Ecofin Protect is required, the mixing ratio is 6 Part A to 1 part B.

- **Uses Advised Against:**

The Ecofin pro system is not for consumer use and should only be installed by professionals. For training please contact Eagle Head office on 0330 400 4170, email info@eagle-waterproofing.co.uk or contact your local area representative.

TOOLS NEEDED

- 100 mm solvent resistant short nap roller for detailing areas
- 225 mm solvent resistant short nap roller for the main area with extension
- Metallic paddle roller 225 mm - (optional for use with awkward details)
- Disk roller for angles - (optional for use with awkward details)
- Disposable gloves
- Cutter/retractable utility knife
- PU Mastic and applicator gun
- A tool to open the tins (screwdriver)
- Eagle Eco-cleaner or Builders Wipes



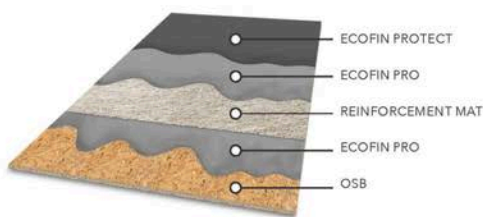
SUBSTRATES

Ecofin Pro has shown excellent adhesion to different substrates: wood, metal, concrete, plywood, bitumen and PVC membranes, asphalt, bricks, tiles and ceramics. In most cases, it is not necessary to use a primer to promote adherence of the system to the substrate.

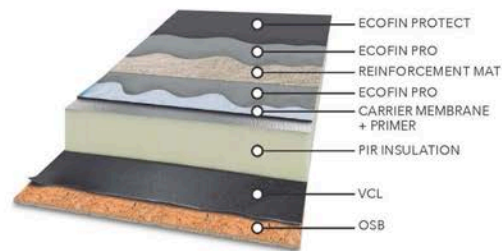
In case of high porosity or unevenness, a thin layer of Ecofin Pro or one of our substrate preparation resins may help to control a potential increase in consumption.

Preparation of the substrate may vary depending on the substrate type and condition. Most common substrates are described below.

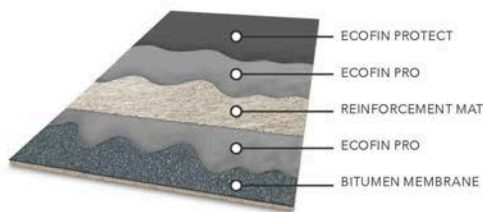
OSB ROOF



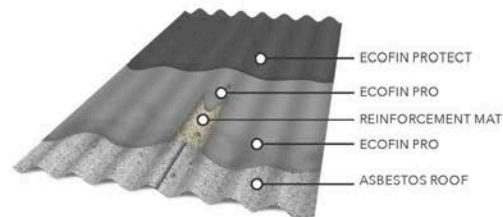
WARM ROOF



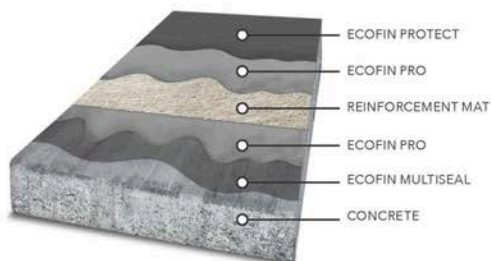
OVERLAY



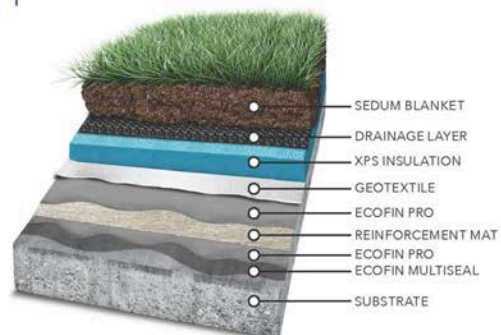
CORRUGATED SHEET



CONCRETE ROOF



GREEN ROOF





ASSESSING THE EXISTING ROOF

Ensure when overlaying any existing roof substrate you check:

- The condition of the existing roof, to determine that the existing roof / intermediate layers are not wet nor contain any trapped moisture. Application onto a wet substrate is likely to cause issues long term.
- The substrate should be visibly dry and when measured with a Protimeter a maximum moisture content of 18% is recommended for the application of Ecofin Pro.
- Any redundant roof details are to be removed prior to the commencement of works.
- Abutment/Upstand details should have a minimum 150mm upstand above the finished roof surface and should be finished into a chase with appropriate flashing detail.
- If the abutment/upstand is in good condition Ecofin Pro is self-terminating and no flashing is required. Install a tilt fillet at the base of the abutment/upstand and apply Ecofin Pro fully reinforced to a minimum of 150mm up the abutment/upstand. Strike a line with tape a further 50mm up the abutment/upstand and coat up to it without reinforcement to finish.
- If the Abutment is in poor condition a 150mm recovery OSB board with tilt fillet will be required complete with lead or lead alternative flashing.

SYSTEM COMPONENTS



ECOFIN PRO -

15kg tin, covers approximately 8-10m², depending on the substrate.



ECOFIN PROTECT -

2 part topcoat, covers approximately 25m² per set.



MATTING -

1m x 20m roll, 1m x 60m roll.



TIXAL -

additive to be added to Ecofin Pro to aid with vertical application.



SEALANT -

290ml tube, to seal any gaps/voids prior to application of system.

SURFACE PREPARATION COMPONENTS



ULTRADRY -

For use with wet surfaces or negative water pressure. 15kg set covers approximately 30-40m², 5kg set covers approximately 10-13m².



ULTRAPRIME -

Used to increase the adhesion on EPDM substrates, covers approximately 80m² per set.



ULTRAPRIME REG -

A bicomponent regulating resin, designed as a repair solution for mortar, concrete, ceramic supports, etc. and regularization of the surface prior to the application of our range of polyurethanes and polyureas.

TRIMS & PREPERATION

TRIMS:

We have a range of high-quality GRP roof edge trims which are manufactured using a polyester matrix providing a lightweight, highly durable and UV resistant product, ideal for all of your waterproofing needs.

Trims are 2.5mtr long and are supplied with a jointing sleeve. We have a drip trim and check trim as standard and pre-formed corners can also be purchased. Our trims are pre-finished but can be coated with Ecofin Protect to match the colour of the finished roof.

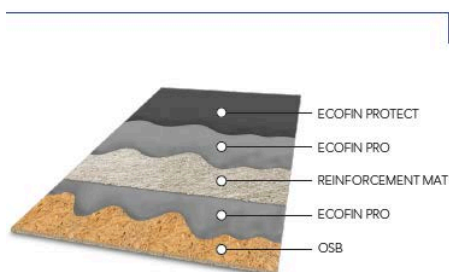
OSB (wood):

For new roofs or when over boarding is necessary, we recommend using 18mm T&G OSB3 in accordance with standard roofing practice. Before laying the deck, ensure the joists are in sound condition, and ensure the boards are securely fixed.

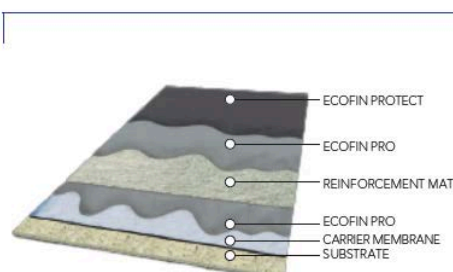
When fixing the deck, ensure all screw heads finish flush with the surface. Fix all trims to the timber deck, ensuring the face is vertical to the fascia.

Clean the substrate and ensure it is dry and in good condition. Remove any dust, moss, lichen or any other contaminants that may compromise the adherence to the substrate. Tightly fitted T&G OSB3 joints can carry Ecofin pro without further treatment. Seal/fill any wider joints or joints with no tongue and groove present with Ultraflex Sealant (MS Polymer) or PU Mastic. (this will be the Ecofin running into the joints, leaving pinholes). When applying Ecofin Pro on an OSB cold roof, please ensure there is sufficient ventilation within the roof structure. This will prevent moisture and condensation build-up damaging the support.

OSB ROOF



CARRIER MEMBRANE



VCL / CARRIER MEMBRANE:

Eagle self-adhesive VCL / Carrier membrane can be used directly on top of a foil faced flat roof PIR insulation board (without the need of OSB3 T&G). Apply Eagle VCL primer directly to the foil faced PIR board (at a coverage rate of 4-8m² per ltr) with a solvent resistant roller. When touch dry, apply the self-adhesive carrier membrane by removing the release film and evenly pressing down onto the surface, a broom or roller can be used to remove trapped air pockets or wrinkles.

- Ensure minimum side laps of between 50-80mm and at least 150mm on end laps.
- Eagle VCL / Carrier membrane will protect the roof from UV rays for approximately 3 weeks prior to the installation of the full Ecofin Pro system.
- It can also be used as a recovery substrate on porous and vertical surfaces to ensure maximum consumption of the Ecofin Pro system.
- Eagle VCL / Carrier membrane is supplied in a roll size of 915mm x 33mtr
- Eagle VCL Primer is supplied in 5ltr tins and covers between 4-8m² per ltr.

TILES AND CERAMICS:

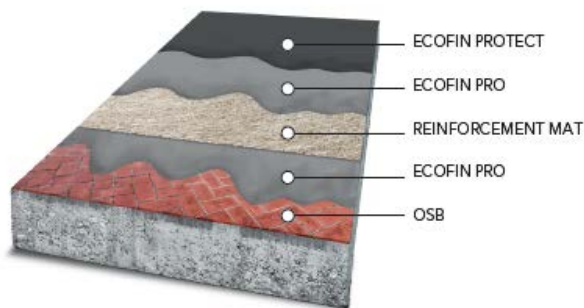
Clean the substrate and ensure it is dry and in good condition. Remove any dust, moss, lichen or any other contaminants that may compromise the adhesion to the substrate.

Prepare and treat the expansion joints according to architect's guidelines, using UltraFlex Sealant (MS Polymer) or PU Mastic.

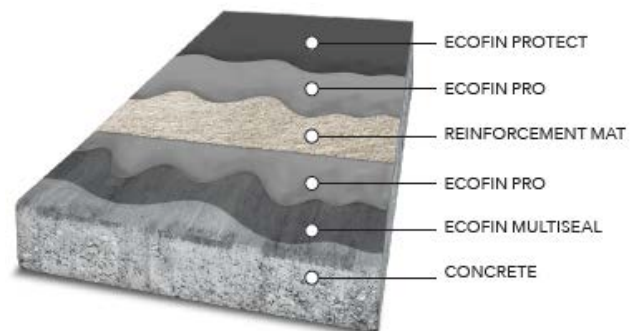
Ensure joints between tiles are full, otherwise use UltraPrime REG to fill in the empty joints. Use UltraPrime REG in thin layers or in one thick layer (self-levelling application).

Rollers are suitable for applying thin layers, while squeegee is a good option for thick layers. Recoating time of UltraPrime REG is 3 to 24h. Alternatively, a thin layer of Ecofin Pro can be applied to smooth the surface 5-7hrs before the wet-on-wet/fully reinforced application.

CEREMIC TILES



CONCRETE ROOF



CONCRETE, MORTAR, ASPHALT:

Clean the substrate and ensure it is dry, solid and in good condition. Remove any dust, moss, lichen or any other contaminants that may compromise the adhesion to the substrate.

Fresh concrete must be cured for 28 days. If you cannot wait 28 days our substrate preparation resin "UltraDry" can be used to absorb substrate humidity (up to 98%) to speed up the process and avoid delays on site.

Seal any joints with Ultraflex Sealant (MS Polymer) or PU Mastic. Prepare and treat the expansion and structural joints according to architect's guidelines*

Ecofin Pro can be applied directly onto concrete if it is in good condition, however consumption should be adapted as it may increase due to the porosity of the surface.

To avoid excessive consumption, it is recommended to use a thin layer of Ecofin Pro to seal the substrate and act as a primer, or to use one of our substrate's preparation resins (UltraPrime range).

METAL

Sand down and clean the surface. You can use acetones to open the pores. Fix and seal all sheets Joints/laps and fixings with Ultraflex Sealant

(MS Polymer) or conventional PU Mastic. Apply a strip of Ecofin pro reinforced with a 100mm bandage of Eagle 225gsm matting over all sealed joints/laps. Apply square

patches, also reinforced with Eagle 225gsm matting over sealed fixings.

Ensure to reinforce all areas which could be at risk to wear due to expansion.

Add Tixal to Ecofin Pro to achieve a desired consistency. Up to a maximum of 500ml per 15kg drum of Ecofin Pro can be added to ensure product doesn't slump when applied.

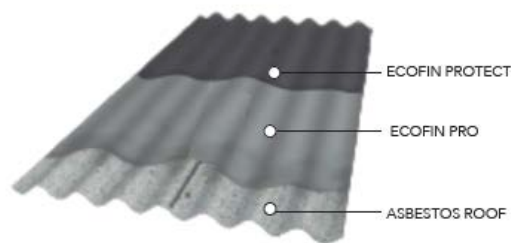
ASBESTOS:

Clean the area without producing any asbestos leaks. If unsure, consult a qualified professional with experience in Asbestos cleaning and/or removal.

Fix and seal all sheets and fixings with Ultraflex Sealant (MS Polymer) or conventional PU Mastic.

Add Tixal to Ecofin Pro to achieve a desired consistency. Up to a maximum of 500ml per 15kg drum of Ecofin Pro can be added to ensure product doesn't slump when applied.

CORRUGATED SHEET



BITUMEN MEMBRANES:

Aluminium paint protected: Clean the area, fix and repair any parts that might not have a good adhesion to the substrate.

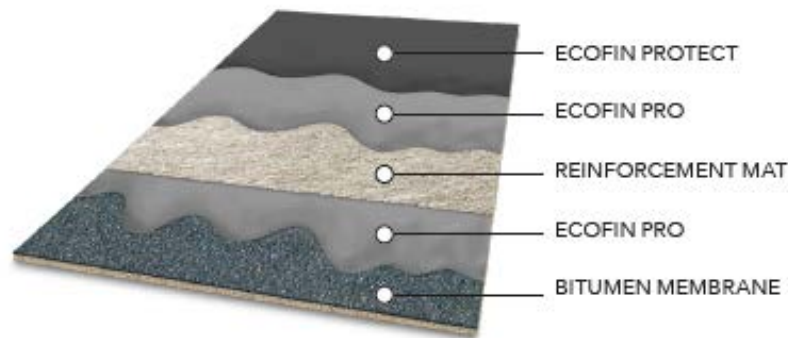
Slates/mineral chipping protected: Clean the area (in case of water cleaning, ensure it is dry before the application of Ecofin Pro) or use our substrate preparation resin UltraDry to absorb substrate humidity (up to 98%) at the time of the application.

Fix and repair any parts that might not have a good adhesion to the substrate.

In some cases, it may be beneficial to apply a thin layer of Ecofin Pro to smooth the surface to control consumption and facilitate the wet-on-wet system application.

Add Tixal (250-500 ml Tixal: 15 KG Ecofin Pro) to avoid any pinholes on the rough surfaces. Adapt the quantity of Tixal according to the roughness. You might not need to use Tixal if the old bitumen membrane has small chippings or loose mineral chippings which can be removed.

OVERLAY



APPLICATION OF ECOFIN PRO

- Inspect the roof and carry out any necessary repairs before applying Ecofin Pro.
- Seal cracks and joints with UltraFlex Sealant (Ms Polymer) or PU Mastic. Remember that Ultraflex Sealant can be over coated after 10 minutes after its application. If using a conventional PU Mastic, the recoating times may vary, please observe manufacturer's advice.
- Check that you have all necessary materials and always use solvent resistant rollers. In case of doubt, use Eagle Group tools (100mm rollers for detailed work and 225mm rollers for the main area, paddle rollers and disc rollers are also available for awkward details and to achieve a fine finish).
- Prepare the matting by cutting the strips at the necessary length, ensuring you will have enough to cover the entire surface to be coated. Then cut shorter strips of matting for the detail areas such as perimeters, upstands, corners, outlets, pipes, etc. Take into consideration that a minimum lap of 50mm is required when overlapping the matting (always tear matting to create a seamless joint and lose the visible lap line).
- Open the Ecofin Pro drum and mix the contents with a paint mixer at a slow speed until all components are fully blended. Ensure any solid content which may have settled at the bottom of the drum is fully blended back into the product.
- Tixal can be added to achieve a desired consistency up to a maximum of 500ml per 15kg drum. The combination of Ecofin Pro and Tixal will aid when waterproofing detailing areas and vertical or pitched surfaces. Check how to use Tixal in the Detail Work instructions of this guide. (QR code for Tixal mix videos?)
- Apply Ecofin Pro fully reinforced following the wet-on-wet system below. Start with the perimeters and any other detail work. Once these areas are complete, proceed with the same method on the main area. We recommend advancing in 1 to 2 sqm areas at a time.
- Ecofin Pro is moisture curing, no need for mixing accelerators. The product will be touch dry in 2-3 hours and fully trafficable in 5-7 hours. It will be shower proof as soon as the matting is fully encapsulated.

Installation Guides



WET ON WET SYSTEM

The wet-on-wet system is a fully reinforced liquid coating produced by working in small and continuous areas, the waterproofing work is completed without waiting times between coats and the area is completely waterproofed within minutes.

The procedure is described as follows. Apply a generous coat of Ecofin Pro (approx. 1.2 kg/sqm) to an area not much greater than 1x2m. Immediately lay the matting into the product and dry roll the matting whilst applying enough pressure to completely soak it with the material applied in the first layer. The right pressure will ensure a good adherence to the substrate. Once the matting is soaked, apply another layer of Ecofin pro to fully saturate the matting (approx. 300-500gr/sqm). Our range of metallic paddle rollers may help you to fully encapsulate the matting without too much effort. Repeat this process (another 1x2m at a time) and while working inspect your recent work for any dry areas or pinholes. If there are pinholes or a lack of material in any areas it is important to correct this by adding more material whilst it is still wet.

The consumption of Ecofin Pro is usually between 1.5 and 1.9 Kg/sqm for regular waterproofing works (check the construction system instructions for vehicular traffic jobs, or aquatic zones). Consumption may vary depending on the substrate condition roughness or porosity, and the experience of the professional installing the Ecofin Pro system. Ensure to apply around the 70% of the total consumption in the first layer.

Trying to compensate for a lack of material in the first layer by applying extra quantity in the second layer will lead to a higher consumption overall and a greater risk of issues once the membrane is cured (pinholes, bubbles or unpleasant visual finish).



It is possible to work with a full-length roll of matting, however, we recommend working with rolls cut to the length or width of the roof. It is not necessary to carry the weight of the whole roll during all this process. Working with shorter rolls will protect the main roll of matting and ensure it remains completely clean and ready for future jobs.

Finish the waterproofing work by the closest area to the exit. Once the wet-on-wet system is applied it should not be walked on for 6-8hrs, so ensure the roof can be exited without walking across the freshly installed system.

**Ecofin being installed with
Matting on a straight area**



DETAIL WORK

Penetrations through the roof are a typical source of water ingress. They are difficult to waterproof satisfactorily in traditional roll preformed materials whereas Ecofin Pro liquid Waterproofing can easily be formed around such details.

Tixal can be added to thicken the consistency of Ecofin Pro. Add up to a maximum of 500ml per 15kg drum. The combination of Ecofin Pro and Tixal will aid the application for detailed areas including vertical or pitched surfaces.

Procedure: Open the Tixal tin and mix the content and leave to stand for a minute. Add the desired quantity of Tixal into the Ecofin Pro tin and mix until it is homogenous. Wait 5-10 minutes for the mixture to react, you will see the consistency thicken. Generally, we recommend using approximately 250ml /15kg Ecofin Pro for detailing, or onto uneven supports, roughness or high porosity areas; around 330 ml/15kg Ecofin Pro for pitched surfaces; and up to 500 ml for vertical areas.

INTERNAL OUTLETS:

With any internal outlets, apply the Ecofin Pro system (wet-on-wet) with Tixal into the pipe itself, ensuring that the junction between the waterproofing and the outlet pipe is encapsulated. This will ensure that if the outlet backs up, water cannot creep under the pre-existing waterproofing and into the building.



PERIMETER, UPSTANDS AND DETAIL WORK:

Before coating the main area, apply the Ecofin Pro wet-on-wet system with Tixal to the perimeter, upstands and all other detail work. Use strips of matting cut to the required length and ensure that the matting is fully adhered to the substrate. In case of complicated shapes, leave the matting to soften for 1-2 minutes in the first coat of Ecofin Pro, then use a disc roller or the corner of the roller arm to press the matting into the angles and ensure the matting is fully adhered to the shape/substrate. Once the matting has formed to and adhered to the substrate the second layer of Ecofin Pro can be applied to fully saturate the matting.



It is advised to start at the perimeter of the area including upstands to a minimum height of 150mm (if possible), ensuring the matting overlaps any trims (Including fixings), joints and change of materials by a minimum of 50mm. Take your time to check that the matting is fully encapsulated with no pinholes..

In the case of brickwork and/or Abutments Ecofin Pro is self-terminating. If the brickwork is in good condition, strike a line with tape and coat up to it, no lead flashing is required. If the brickwork is in poor condition, a recovery OSB board with tilt fillet will be required complete with lead or lead replacement flashing.

OVERLAPS:

The matting comes in rolls 2 sizes: 1mtr width x 20mtr or 1mtr width x 60mtr. One edge of the matting is delivered with a straight cut, while the other is frayed. When overlapping, position the frayed edge of the matting approx. 50mm onto the previous strip for easier overlapping and to hide the lap line. This will result in an aesthetical pleasing and continuous finish. The paddle roller is a useful tool to conceal the overlaps effortlessly.

LEVEL CHANGES:

Every time there is a change in the level, it is recommended to treat it with separate strips of matting, overlapping by a minimum of 50mm. Ensure the matting is perfectly adhered to all angles, use specific tools to avoid pinholes or baggies loose/baggy pieces of matting. The disk roller will be perfect for convex angles, while the paddle roller will flatten the matting onto the concave angles. After soaking in Ecofin Pro for approximately 1-2 minutes the matting softens and becomes easier to manipulate and form into awkward shapes etc.

REPAIRING AND PATCHES

Ecofin Pro has excellent toughness and resistance, however alterations on the roof may cause damage to a membrane. Fortunately, the Ecofin Pro membrane can be repaired effortlessly both while wet or when already cured. For small issues while wet (a missed step onto the wet surface for instance), you will usually be able to repair by dry-rolling the fibres/strands of the matting, flattening them back into their original position. Use the roller or the paddle roller in different directions onto the area and you will solve the situation quickly and smoothly.

In case it is not possible to reposition the fibres, cut the affected area and take it out.

Apply some more Ecofin Pro if needed and install a 'frayed edges' patch onto it, overlapping a perimeter of approximately 50mm onto the existing matting, following the wet-on-wet system. Use a paddle roller for an easier concealing of the repair.

Lightly spray some water onto the matting patch before rolling into the wet Ecofin pro for quicker concealing/saturation.

When repair work is required onto already cured membrane, cut the area and clean thoroughly. If the topcoat has already been applied, it is advisable to scratch the area to promote adherence/adhesion. Apply one layer of Ecofin Pro in adequate quantity and apply a 'frayed edge' patch, overlapping by a minimum of 50mm onto the existing membrane following the wet-on-wet system application. Once fully cured, apply another layer of Ecofin protect onto the small patch repair to finish.



Finishing:

EXPOSURE TO UV RAYS:

The use of Ecofin Protect, aliphatic polyurethane topcoat is required to complete the system and to achieve an official guarantee.

Ecofin Protect not only protects the waterproofing system from UV Rays, it's also very hard wearing for heavy foot traffic which allows the system to be used for balconies, walkways, etc. Ecofin Protect is also designed for total and constant immersion in water which also allows the system to be used when drainage isn't very good on the roof and there is constant standing water. Ecofin Protect can also be used in areas such as swimming pools and areas with aquatic life.

Ecofin Protect should be applied directly onto the fully cured Ecofin Pro ideally no longer than 72 hrs after of the initial Ecofin Pro application, at a consumption of 200-250grams/m². Ecofin Protect is a 2-part product and once mixed must be used on the same day. If a full set is not required a smaller batch can be mixed and remaining product can be kept in sealed containers for future projects. In this case the mix ratio is 6 Part A to 1 Part B. Ecofin Protect will be touch dry in approximately 2-4hrs, it is important that there is no rain within this time period to ensure a smooth pleasing finish.

Ecofin Protect can also be used to refresh old, weathering GRP roofs and similar systems (if the existing waterproofing is still intact and structurally sound). It can also be used as industrial flooring for commercial units.

Ecofin Protect is available as standard in Dark Grey (RAL 7043) although it can also be supplied in neutral and a separate pigment can be purchased in any RAL colour.

Anti-Skid finishes:

When a substrate is intended for traffic, there will be a requirement to create an antiskid finish. The Ecofin Pro system finish is not slippery when dry, however, it is advisable to create an antiskid finish for wet trafficable areas.

For anti-skid finishing, Tecnoplastic Grip C can be mixed into the Ecofin Protect, mix thoroughly into the topcoat (at desired qty) and apply the product with the roller as normal. This will create an anti-skid finish while applying the topcoat, avoiding any waiting times.

Tecnoplastic Grip C is supplied in a very convenient packaging of 2kg tins, usually approximately 330gram is required for a 5Kg mixed set of Ecofin Protect to create a standard anti-skid finish.

Alternatively, a more abrasive anti-skid finish can be created by spreading silica sand, mineral or quartz, etc. onto the wet applied Ecofin Protect layer. In this case, any loose/excess sand/mineral chippings will need to be swept from the roof after the Ecofin Protect has dried (Approx. 2-3 hours). If the chippings need to be encapsulated, this can be achieved by adding another thin layer of Ecofin Protect or Clearcoat for a glossy finish.

For car parks and high traffic areas, 2 layers of Ecofin Protect are recommended, with either Tecnoplastic C in one of the layers or silica sand between the 2 layers.

NON-EXPOSED TO UV RAYS:

Paving with tiles:

Onto the cured Ecofin Pro membrane, which was applied by the wet-on-wet system, apply an extra layer of Ecofin Pro at a consumption rate of approx. 0.2Kg/M2 and spread silica sand or mineral to create a rough finish onto which the tile adhesive will be adhered. Once the whole Ecofin Pro system is cured we would recommend waiting between 1 to 2 days before applying the paving adhesive and the desired pavement.

Green Roof:

Protect the Ecofin Pro membrane with a geotextile and install the desired green roof with its drainage and green roof system. A geotextile is also recommended in the case of gravel, pebbles or stone finishes.

Plots:

Install a protective geotextile onto the membrane and set up the plots system.

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TOGETHER