

Crocodile is the master of waterproofing systems

- 1 Leaks/ seepage caused by nail holes.
- 2 Leaks/ seepage caused by lean-on roof extension.
- 3 Leaks/ seepage caused by cracks in roof tiles.
- 4 Leaks/ seepage caused by holes in roof ridges
- 5 Leaks/ seepage caused by cracked rooftops



Choose **Crocodile** for your repairs

All of our products are at high quality.
We offer a systematic solution for your home,
no matter how big or small the problem is.

Cracks, leaks, and seepage can be quite a headache for homeowners because it seems they never end! Sometimes after 3-4 rounds of repair, the problem still persists. Well, let's put an end to these problems for good. You only need to choose the right product to handle the right job, and more importantly, choose a product that is universal enough to take care of cracks, leaks, and seepage for floors, walls and roofs. Also, hire only professionals to repair your home, because high quality materials and skilled workers make the perfect formula for repairing your home.

Crocodile has got everything under control

Each home has different issues; therefore, Crocodile never stops to create new innovations for home lovers like you and your family. We have a variety of products to systematically address all of your needs, to handle the repair directly, and to cover cracks, leaks, and seepage problems – so that you can be worry-free in your home.

No worries for new homes – just look for **Crocodile**

If you are thinking of building a new home, we recommend choosing products from the Crocodile family in the beginning. Crocodile products have been trusted by many leading construction projects – so you can be assured that your home will not cause you any headache from cracks, leaks, and seepage later.

“ **Crocodile** has got everything under control ”

Waterproofing



Crocodile Flex Shield Flexible Waterproofing Cement

- Easy to use, just mix with water
- Highly flexible; optimized for flexible surfaces (surface cracks not over 0.75 mm)
- Waterproofing and protection for terraces, balconies, bathrooms, swimming pools, roof gardens, and water retaining structures
- Can be left exposed; weather and UV resistant
- High adhesive strength > 2Mpa



Crocodile Roof Shield Heat Reflective Acrylic Waterproofing (For Sloped Areas)

- Highly flexible; up to 500% elongation; can cover crack up to 2 mm
- Powerful waterproofing for exterior applications such as terraces, rooftops, roof tiles, and walls
- Reflects heat over 50–80% even with dark colors
- Adheres to almost all surfaces such as concrete, mortar plasters, corrugated roof, and metal
- Fiber mesh can be applied



Crocodile Elastic Shield Polyurethane Waterproofing Solvent free

- Highly flexible; up to 500% elongation
- Reliable waterproofing for exterior applications such as terraces, rooftops, roof tiles, and walls
- Weather and UV resistant
- Good adhesion on concrete, render, wood, brick, metal, fiber cement

Sealant & Bonding



Crocodile Poly-U Seal Polyurethane Sealant

- Seals joints in building construction, concrete, brickwork, precast concrete wall panel, fiber cement, and uPVC
- Highly elastic >550%
- Can be used for interiors and exteriors; weather resistant
- Paintable



Crocodile Tape Seal M Butyl Waterproof Tape

- Butyl rubber based
- Aluminum foil reflects radiation and heat
- Covers overlapping joints under roofing or joints larger than 5 cm
- Heat resistant to over 80 °C
- High strength and can be painted over
- Easy to apply, just release back paper and press

Structure Repairing



Crocodile Repair Mortar

- Mortar for Repair
- For repair of concrete walls, masonry, tilt-up panels, and flooring
- Can be used on vertical or overhead application
- High compressive strength >600 ksc

Consult us for any of your home concerns



We are ready to fix your problems. We offer professional consultation and planning for repairing your home by a team of leading engineers and technicians. They will recommend suitable materials and ideas for your home, plus offer other services to guarantee customer satisfaction.

Call Center **+662-720-1112**



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Roof and Rooftop

Stop! cracks, leaks, seepage
for floors/walls/roofs with **Crocodile Products**

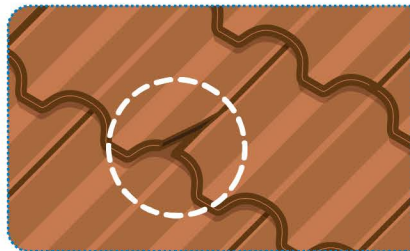
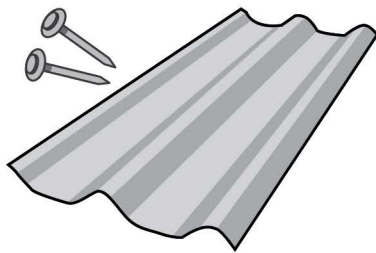


Innovation for Your Family's Happiness



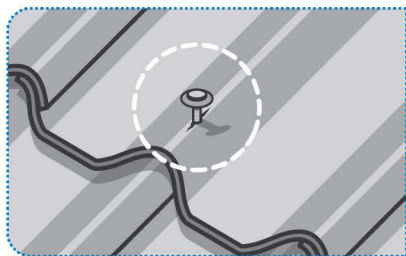
Causes of leaks from roof tiles

Leaky roofs can be caused by a variety of factors, such as broken tiles or incorrect installation of roof equipment (causing holes in the tiles), or sometimes from installing the tiles too close to one another or not following the overlap required. Often, the batten space is not up to standard and when the tiles are not aligned properly, water can seep through. These are all common reasons for leaky roofs.



3 Leaks / seepage caused by cracks in roof tiles

This is caused by impact, falling objects, or sometimes cracks occurred from using inappropriate drilling tools, or from incorrect installation of the tiles, such as not using the right alternating pattern or not following the overlap required, which causes tiles to crack.



1 Leaks / seepage caused by nail holes

This problem is caused by worn, rusty, corroded nails, or simply by leaks along the nails holding the tiles and the batten if the rubber anchors are worn, causing seepage along the holes where the tiles are held to the batten. This can be noticed by water stains after the rain, and can be repaired by replacing the nails and anchors, if it is still repairable. However, if you are looking for a hassle-free solution, look for Crocodile products to address your needs.

Crocodile stops leaks

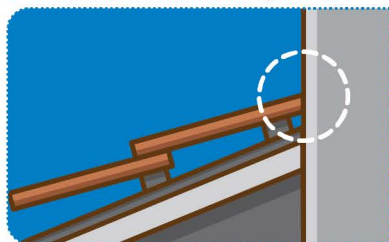
Seal the nail heads with **Crocodile Poly-U Seal**; then, coat with **Crocodile Roof Shield**.



2 Leaks / seepage caused by lean-to roof extensions

If you have leaks where the lean-to extension joins the wall, it is caused by cracked reinforced concrete string course, string courses not being the appropriate proportion or quality, and poor installation of the corbel. Sometimes it is caused by broken tiles underneath the string course or installing the lean-on extension roof without the corbels.

In case the tiles are installed without a lintel or a reinforced concrete string course



In case the reinforced concrete string course isn't properly attached to the wall



Stop leaks/ seepage through gaps with Crocodile products

If the gap is less than 5 mm.

Seal it with **Crocodile Poly-U Seal**; then, coat with **Crocodile Roof Shield**.



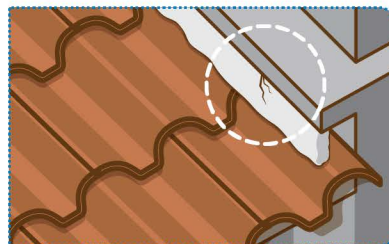
If the gap is more than 5 mm.

Patch the gap with **Crocodile Tape Seal-M**, which has ideal elasticity and bonding. It prevents leaks and seepage, and can be taped just above the string course or where the lean-to extension roof joins the wall; then, coat with **Crocodile Roof Shield**.



4 Leaks / seepage caused by holes in roof ridges

This is caused by incorrect installation of roof ridges, especially in the 'wet process', where the mortar isn't placed properly, causing the tile to not set properly or to crack from the process, or there could be too much/not enough mortar, causing cracks. Another cause can be installing the tiles along the slope of the roof and using the roof ridge or the string course incorrectly, or using mortar to fill the gap between the string course and the roof tile, which is an incorrect technique - but don't worry, these problems can be fixed by Crocodile products.



Crocodile has a solution for small or big problems

Less than 1 mm in width

Use **Crocodile Roof Shield**. Just open the package and apply with a brush over cracks or leaks while the surface is dry.



1-5 mm in width

Use **Crocodile Poly-U Seal**, a polyurethane sealant which offers excellent bonding with concrete. Use a glue gun to inject the product into cracks to seal leaks and cracks; then coat with **Crocodile Roof Shield**.



More than 5 mm in width

If the cracks are inconsistent, use **Crocodile Tape Seal-M**, tape which is resistant to heat. Tape all the cracks and coat with **Crocodile Roof Shield**.

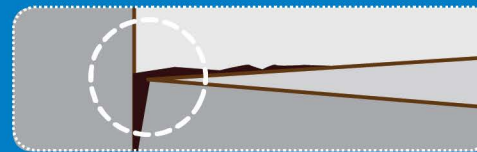


Causes of rooftop leaks

The main causes of rooftop leaks come from cracks in the rooftop floor, cracks in the cove joints, and not installing proper waterproofing system on the rooftop, leading to leaks when it rains.



5 Leaks/ seepage caused by cracked rooftops



Cove joints

Rooftops floors and walls are often constructed separately; therefore, the floor and wall concrete is not uniformed, resulting in cracks in cove joints.



Rooftop

Using construction materials that are below standard, pouring and curing concrete, changes in climate/temperature are also factors that lead to cracks. Mostly the cracks develop in a straight line or in a crow's foot pattern on the rooftop. Sometimes the cracks develop to the cove joints and become very deep or as deep as the concrete layer.

Stop cracks/ seepage with Crocodile

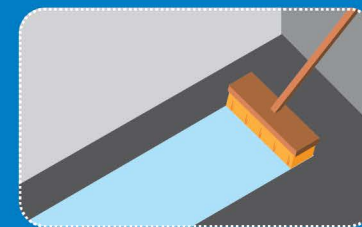
Joints/cracks that no longer develop can be repaired with **Crocodile Repair Mortar**; then, coated with **Crocodile Flex Shield**.



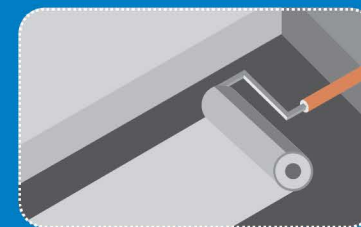
Joints/cracks that continue to develop should be sealed with **Crocodile Poly-U Seal** first; then, coated with a polymer waterproof product such as **Crocodile Roof Shield** or **Crocodile Elastic Shield**.



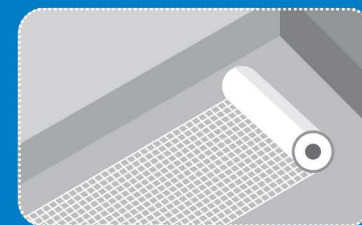
Installing a waterproofing system on the rooftop



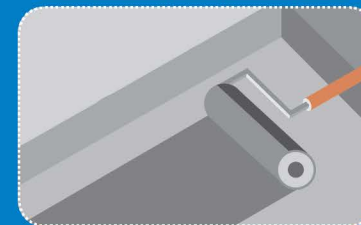
1. Clean the surface



2. Apply two coats of waterproofing product. Make sure to cover 10 cm. of the wall (at the cove joint).



3. In case a fiber mesh is installed, it should be done while the first coat is not dry.



4. After the first application dries (usually 4 hours), apply the second layer and make sure to cover 10 cm. of the wall (at the cove joint).

Caution: Areas not suitable for waterproof acrylic are rooftops with a pool of collected water or areas that are immersed at all times.

Stop leaks for roof with Crocodile Products