

PROBLEM Leaking Pond

What you will need to
waterproof a pond

- Cemflex® – is available in 1 / 5 / 25ℓ containers
- Cemflex membrane – be sure that you know the area that needs to be covered
- Portland cement – the quantity is dependent on the area that needs to be waterproofed
- Large paintbrush / Block brush
- Bucket to mix the product
- Gloves
- Mask (Optional)
- A spatula is required for smaller quantities, where a paddle and mechanical mixer is recommended for quantities exceeding 5ℓ



SOLUTION
Cemflex®

LEAK-FREE WATERPROOFING SYSTEM

The solution to leaking ponds or water features is Sika Cemflex, a submersible waterproofer and bonding agent that mixes with Portland cement and water to form a waterproofing slurry that is used in conjunction with the Cemflex membrane.

BUILDING TRUST

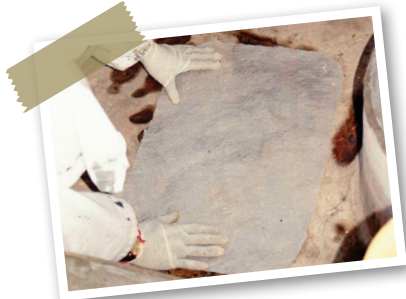


Step 1

Empty your pond and make sure that it is dry before you start. Clean the area with a wire brush and wipe away any dust or loose material. Ensure that there is no algae or plant growth. Repair any visible cracks before applying the waterproofing system.

Step 2

Pre-cut manageable pieces of Cemflex membrane for the required area.



Step 3

Use the mixing guideline below to prepare the products in a bucket forming the waterproofing Cemflex slurry. First mix the required amount of Cemflex and water and then add the correct amount of Portland cement slowly, while mixing, to avoid the formation of lumps. You will now have a Cemflex slurry that is ready to be applied.

Guideline ratios:

CEMFLEX SLURRY =

1 litre Cemflex + 1 litre water + 3.4kg Portland cement = 3.2 litres of waterproofing slurry that will cover an area of 1m² (with membrane).

Step 4

Dampen down the surface, making sure that there is no standing water. While the surface is still damp apply a coat of the Cemflex slurry using the paint brush or block brush.

Step 5

Soak the Cemflex membrane in the Cemflex slurry. Remove the membrane from the Cemflex slurry and squeeze lightly before placing over the damp substrate with your gloved hand, smoothing off with the brush to eliminate all air bubbles. Overlaps of adjacent fabric must be a minimum of 50mm.



Step 6

Once the entire area is covered and all the air bubbles have been removed, apply a generous second coat of the Cemflex and allow to dry for 24 hours.



Step 7

After 24 hours, mix a new batch of the Cemflex slurry and apply the final coat to the completed area. Freshly applied Cemflex should be protected from damp, condensation and water for at least 12 hours. Allow at least 24 hours before filling your pond with water.

NB: Once completed, surface must be thoroughly cleaned and the pond rinsed out. Fill the pond and ensure that the water is properly conditioned before use.