

# Resene

## DIY project #2



## Waterproofing concrete and plaster with Resene X-200 waterproofing membrane

Resene X-200 is a thick paint or coating that offers a decorative low sheen finish to concrete and plaster finishes while protecting and waterproofing them. It flows into and fills voids and hairline cracks (up to 1mm wide), which is where any leaks are likely to occur.

### Before starting

1. Treat moss and mould using **Resene Moss & Mould Killer** (see Data Sheet [D80](#)). Concrete, plaster and other cementitious surfaces, even if previously painted, will support moss and mould growth and this needs to be killed and removed before painting, otherwise it will grow back but this time underneath the new paintwork.
2. For repaints or weathered surfaces, wash and scrub using **Resene Paint Prep and Housewash** (see Data Sheet [D812](#)) to de-chalk old paint films and remove any contaminants including mould residue. Wash new concrete and plaster with **Resene Paint Prep and Housewash** to remove loose material and contaminants including form oils.  
Form oils are used on new concrete to prevent it from sticking to the timber or steel that is used to shape it as it dries. A solvent such as **Resene Emulsifiable Solvent Cleaner** (see Data Sheet [D804](#)) may be required to remove some form oils.
3. For repaints or weathered surfaces, seal and prime cracks and bare areas with **Resene Sureseal** (see Data Sheet [D42](#)) or **Resene Concrete Primer** (see Data Sheet [D405](#)) if all salts have been washed out of crevices etc. Seal new plaster and concrete with **Resene Limelock** (see Data Sheet [D809](#)) to prevent lime burn of the paint, promote surface curing and reduce hairline cracks etc.
4. Stir the paint thoroughly using a flat bladed stirrer and decant from larger pails into smaller more manageable containers, such as the **Resene Paint pot**.
5. The key to a top quality finish is to use a 25mm PAL lambswool roller (available in 180mm to 230mm sizes, an alternative for small areas is the PAL No.3 roller sleeve), a short extension handle and a good quality brush. We recommend the PAL Legend brush – depending on how difficult cutting-in around edges etc is likely to be a small 35mm to 50mm brush is ideal, the larger 63mm and 75mm brushes are usually used by more experienced painters or if cutting-in is straightforward.
6. If hot and dry or very windy add **Resene Hot Weather Additive** to improve **Resene X-200's** flow and prevent it drying too quickly.
7. Please take the time to carefully read through the instructions on the label. More information including Data Sheets and [Safety Data Sheet/s \(SDS\)](#) can be found on the Resene website.

### Application

When painting exterior plaster and concrete walls it is important to plan your approach. Start at the top of the wall and work down and across it.

Start by brushing **Resene X-200** into any cracks or voids. Brush across rather than down the crack. Any cracks larger than 1mm will need to be filled with **Resene Brushable Crack Filler** (see Data Sheet [D811](#)) or a gunnable sealant (ideally a paintable silicone). Allow to dry.

Now cut-in around the edges and any areas where the roller will not reach, for example around downpipes etc. Use masking tape on windows etc if you are not confident or a very sharp paint edge is needed.

Add about 1 to 1 1/2 litres of **Resene X-200** to the roller tray and carefully load the roller up with **Resene X-200**. This will usually take two to three minutes. Lay the roller against the wall and roll in an upwards direction – typically the roller will skid rather than rotate at first until it gains traction. Aim to complete 1/2 to 3/4 of a square metre with each roller load and once done lay-off as you progress along the wall.

It is important to force enough **Resene X-200** into any cracks to waterproof the wall. This will not happen if there is insufficient pressure applied, the angle of the extension handle is too acute or it is held too far down its length.

Once you have completed a section of the wall lay-off from the top to the bottom.

Once dry, usually after three to four hours apply a second coat. A third coat is not usually needed except on unpainted concrete blocks due to their porosity and the need to get sufficient **Resene X-200** into the blocks voids.

Try not to paint too late in the day to avoid dew settling and marking the paint.

**Resene CoolColour™ technology** is available in many exterior Resene finishes, including **Resene X-200** in a wide range of colours. Formulated with special pigment technology, a **Resene CoolColour** will reflect more heat than a standard colour, reducing the stress on the coating, substrate and building, keeping them cooler.

### Key accessories

- 25mm PAL lambswool roller
- 50 or 75mm Resene PAL Legend or Resene Professional brush for cutting-in
- Resene Brushable Crack Filler
- Resene Moss & Mould Killer
- Resene Paint Prep and Housewash
- Selleys Masonry Filler or Resene Gelled Epoxy

### Add ons

- 35-50mm broad knife (for filling)
- Drop sheet(s)
- Masking tape
- Painter's gloves
- Resene CoolColour™
- Resene Hot Weather Additive for hot dry conditions

For more ideas and inspiration visit your local Resene ColorShop or the Resene website.