



JANE'S DAY CARE EVERGREEN DR JIMBOOMBA QLD 4280

Date: June 2016
Project: Philanthropic
Applicator: Application of Epoxy Flooring
Applicaton: Flooring

PRODUCT USED

Aquapoxy 315 (Koala Colour)
 Duralok 350

The Bayset team volunteered their time and expertise to help with the waterproofing of toilet facilities and the application of epoxy flooring.

Jane began operating as a registered carer in 2007, and since then, her business has expanded to a point where she required a space big enough to run a licenced childcare centre.

Jane's Daycare Centre is a big part of the Jimboomba Community. After receiving council approval to build a 9 x 4m2 shed at the back of her residence, the Bayset team volunteered their time and expertise to help with the waterproofing of toilet facilities and the application of epoxy flooring. Aquapoxy 315 and Duralok 350 were selected as the space required a professional feel but also needed to be durable for the kids to play.

PRODUCTS SPECIFIED

STEP 1 – PREPARATION

Clean surface. Tape up all areas. Have a brush ready for cutting in and a roller set up ready to start. Box all flakes together and ensure the colour is correct and well blended. This should be done as gently as possible to ensure minimal breakage.

STEP 2 - APPLICATION

Mix three parts of 315A epoxy with one part of 315B hardener by volume, not by weight. It is important to scrape out as much of part B as possible to ensure a correct mix ratio. An incorrect mix ratio will decrease pot life dramatically or it will not cure at all. Mix well preferably using an air stirrer or high-speed drill.

Mix for no more than one minute. To increase pot life pour the mix onto the floor –do not keep it in the mixing container, by keeping the mix in the pot it will gel up much faster. Spread the base coat out using a squeegee or roll on with a 12 mm nap synthetic roller. Coverage will be approximately 3m² per litre depending on surface porosity.

If the 315 Aquapoxy is spread out too thin it may dry patchy and the flake may not stick consistently. Remove all masking tape while the epoxy is still wet or the tape will dry into the coating. Use spiked shoes to walk on the epoxy if required. Check and box all the flakes to ensure an even colour.

Apply the 315 Aquapoxy to an appropriate area where you can easily broadcast the flake, remove gloves and broadcast the flake over the wet epoxy. Leave half a metre edge of epoxy to roll the next pack onto. Do not leave a 'fat edge' as this will show through in the final coat. Broadcast flake. Throw the flake high into the air so that it can float to the floor. The flake or particle must cover all areas of Epoxy in excess so you cannot see any of the basecoat. DO NOT WALK ON FLAKE AFTER THE BROADCAST. Allow to dry overnight.

STEP 3 – TOP COATS

Final top coats.

Collect excess flakes or particles.

This could be carried out by using a combination of a leaf blower vac and a broom. With a pole sander or equivalent sand the area to remove and sharp edges or rough patches. If the surface is not smooth the final gloss level may not have a consistent sheen level. Vacuum over the surface again to remove any dust particles.

Mask around the floor edges. Mix Clear topcoat at a 3 to-1 mix and apply with a 12ml nap roller. Do not whip up or air rate when applying. Do not thin. Apply at 5m² per litre. Allow overnight before applying the final coat.

RESULT & TESTIMONIAL

"It was great having Daniel come to the site and share his knowledge...Everyone has been so helpful with offering to volunteer their time"

Bayset were able to provide excellent technical advice and service to help a local small business. Jane's Daycare floors have a high level of durability with an abrasion and mar resistant finish, giving the space a professional feel.

