



FORCRETE.

EVERY SURFACE MATTERS

FORCRETE MICRO-QUARTZ MIXING PROCEDURE

These instructions apply for either Micro-Quartz Smooth/Medium/Coarse.
(If you have Arctic/Midnight or a RAL colour follow from step 6)

1. Match each 6kg micro-Quartz 6kg bucket with a single powdered pigment pot.
(e.g. one bucket of coarse and one Feather 2 pigment pot)
2. Add enough clean cold water to the powdered pigment in order to dissolve the powder. Then shake to form a slurry, ensuring all the powder has dissolved. For the majority of colours we advise;
100g of water for a “1” colour
150g of water for a “2” colour
200g of water for a “3” colour

Some colours will require more water than the guidance above due to having a larger amount of pigment powder e.g. Seaweed/Anthracite. For these add just enough more water in order to dissolve the pigment and ensure to keep the weight consistent within the same job/batch.

3. Add one shaken pigment slurry per Micro-Quartz, Keeping the same method to remove the slurry from each pot to ensure consistency of colour.
4. Mechanically mix each bucket with a paddle mixer, stopping to scrape round the sides and bottom of the bucket in order to fully combine the pigment and avoid unpigmented material.
5. Once all pigments slurry's have been mixed into the Micro-Quartz, leave the material to settle and rebind for at least 30 minutes (ideally the day before use). Once the material no longer pours freely from the bucket it is ready to use. The Micro-Quartz can remain in this state for the full length of its shelf life.
6. Arctic/Midnight and RAL colours follow from this step onwards.

When you are ready to apply the Micro-Quartz add the required amount of hardener to the material according to the mix ration (916:84) or a full 500g bottle to 5.5kg bucket. Thoroughly mechanically mix with a paddle mixer, once again scraping the sides of the bucket to combine both the components together, keeping in mind to avoid unmixed material at the bottom.

7. Once the base material and hardener have been combined add the required amount of water depending on the application style/technique you are trying to achieve. Then mix with a paddle mixer and perform a final scrape in order to fully mix the water and material.
The Micro-Quartz is then ready for application.

See below for a list of guidance amounts; (all amounts shown are per water per 1kg of material)

Walls; 20g-40g
(lower amounts of water will provide better coverage/packing ability for first colour/top coats)

Floors;
Coarse first coat 30g-50g depending of the level of coverage required.
Coarse top coat 80g-100g
Smooth 30-70g
Medium 30-90g