

- Excellent Bonding
- Excellent for Indoor/Outdoor
- Excellent Color Fastness
- Hard Wearing

COLOREDCRETE ADCRETE

DESCRIPTION:

Adcrete is a state-of-art topping, used for resurfacing existing concrete.

Excellent for indoor and outdoor applications such as driveways, patios, pool decks, planters, benches, and anywhere you use concrete.

APPLICATION

- Adcrete can be applied using mortar gun or trowel, then sanded and washed to desire texture and sealed.
- Adcrete can be applied on existing slabs, topping, and cement boards.

TOPPING

Mixing Ratio	20kg powder plus 10% water + 10% activator
Application Temperature	10-30°C
Application Thickness	5-6mm
Finish Thickness	4-5mm
Coverage	1.5m ² / 20kg/ 6mm
Open Time	approx. 15-30mins.
Light Load	48 hrs.
Full Load	7 days
Outdoor	7 days

SUBSTRATE PREPARATION

Prior to application, ensure that the surface is free from ponding, stable and has sufficient surface tensile strength. The surface should also be dry, clean and free from dust and loose particles.

Mechanical surface preparation e.g. shot blasting, grinding is recommended. The surface should be permanently vibration-free and crack-free. Existing cracks in the floor base must be repaired professionally prior to the application of Adcrete.

Apply a further layer of primer if necessary. Re-application of the primer must be done within 1-2 hours of the first application.

Adcrete should be applied within 1-2 hours of the application of the primer. To obtain uniform appearance and colouring the surface should be pre-leveled and even.

MIXING AND APPLICATION

Adcrete is applied with spray, trowel or gauge rake. After mixing, it can be placed on the surface and leveled. The layer thickness should be 3-6mm per layer. Airflow, temperature and humidity in the air and substrate influence the product's workability and drying time.

Mix the materials using a paddle mixer. Fill mixing pail with the required amount of activator and water mix (1:1) ratio for approximately 4 liters per 20kg powder material (20%), followed by the powder material that is added while stirring. We recommend the use of an adjustable paddle mixer. The materials has to be mixed intensely for 2 minutes, left to set for 3 minutes and then mixed again for one more minute. At the beginning of the mixing process the mortar is slightly creamy. Add more liquid to achieve the consistency you required.

The floor has to be protected from drying too quickly (no draft) for the first 24 hours. Do not cover the finished surface with foils or other materials.

APPLICATION:

Adcrete is weather resistant and can be continued from inside to outside. The material is applied as a thin top layer.

A range of aggregates can be used to make a granite-look, for pathwalk, planters, benches and the like.

FINISHING

- Adcrete must be sanded with a diamond cup and/or #50 polishing pad. Washed and sealed with Coloredcrete Sealer (2 coats may be used depending to the required shine).
- Acid wash may be used for a rougher texture.

SPECIAL PRECAUTIONS

The application has to be protected from drying too quickly (due to either drafts or intense heat from the sun) for at least 24 hours. Some minor colour differences might occur due to different production batches and this should be taken into account during application.

If you have different absorbent surfaces we recommend double priming which will help achieve a more even application. The changing work techniques, differences in temperature and substrate may cause color variation in some cases.

Concrete slab or concret topping control joints must be followed on Adcrete as well.

TOOLS AND CLEANING

Paddle mixer, trowel, spiked shoes, gauge rake or pin leveler, mixing bucket should be washed with clean water and dried before and after application.

PRODUCTION, PACKAGING, STORAGE, SAFETY AND VALIDITY

Adcrete is sold in 20 kg bags.

Store bags and containers in a dry place and protected from extreme temperatures (best stored between 5-30°C) and direct sunlight.

With the right conditions of the storage, the product is valid for 12 months from the manufacturing date.

There is no mandatory hazard labelling for Adcrete. Avoid inhaling dust when opening the packaging. Protect eyes and skin during the mixing process. Please refer to the material safety data sheet.

LIMITED WARRANTY

Coloredcrete Corporation warrants its material to be good quality and, at its option, will replace any material proven to be defective within one (1) year from the date of manufacturing (provided the product was stored under proper conditions). The above remedy shall be the limit of Coloredcrete responsibility. Except for the foregoing, all warranties expressed or implied, including merchantability and fitness for a particular purpose, are excluded and Coloredcrete Corporation shall not be liable for any consequential, incidental, or special damages arising directly or indirectly from the use of the materials.