

STONE CARPET SYSTEM

CONCRETTA CO-STONE

NATURAL STONE CARPET COATING SYSTEM



SEAMLESS	NATURAL	UV	NON-SLIP	INDOOR /
SURFACE	TEXTURE	RESISTANT	FINISH	OUTDOOR

PRODUCT DESCRIPTION

Concretta CO-STONE is a seamless, decorative stone carpet coating system made by combining selected natural stone aggregates with high-performance transparent resin. It is suitable for balconies, terraces, stairs, walkways, retail spaces and selected interior floors.

APPLICATION TOOLS

Mixer / steel trowel

APPLICATION THICKNESS

6-10 mm

SHELF LIFE

As per label

SYSTEM NOTE

The exact resin ratio and layer selection must be assessed together with the CO-STONE kit label and current technical data sheet.

01 / PREPARATION

Surface Preparation

Sound substrate, correct slope and controlled priming

Before application, prepare the environment, substrate and materials in the same work area. For outdoor use, protect the application area from rain and direct sunlight.

01 / CHECK THE SUBSTRATE

The surface must be load-bearing, dry, clean, even and free from oil, paint, loose layers and dust that may reduce adhesion. Repair cracks; complete drains and slopes before application to prevent standing water.

SURFACE	MOISTURE	SLOPE
Sound / clean	Controlled	Toward drain

02 / CO-STONE PRIMER

Apply the appropriate CO-STONE primer continuously and evenly by roller or brush. A second coat may be required on absorbent or weak surfaces. If specified in the system data sheet, broadcast quartz while the primer is fresh; proceed only after checking tack and curing condition.

APPLICATION	CHECK	NEXT STEP
Roller / brush	Full coverage	As per data sheet

NEXT STAGE

After primer reaches suitable cure

Proceed to mixing and application

02 / APPLICATION

Mixing and Application

Homogeneous mix, even thickness and compact surface

03 / MIX RESIN A + B

Combine CO-STONE resin components A and B in a clean bucket at the ratio stated on the kit. Mix with a low-speed mixer, scraping the sides and bottom until homogeneous. Do not alter the ratio; do not add water or solvent.

EQUIPMENT	RATIO	ADDITION
Low-speed mixer	As per kit label	None

04 / COMBINE NATURAL STONE WITH RESIN

Place dry, clean CO-STONE aggregate in the mixing vessel. Slowly add the prepared resin and mix until all particles are coated with a thin, even film. Leave no dry pockets or resin build-up.

AGGREGATE	MIX	CHECK
Dry / clean	Homogeneous	No dry areas

05 / SPREAD, LEVEL AND COMPACT

Pour the mixture immediately onto the surface; spread to the specified thickness using a screed and stainless steel trowel. Keep the trowel clean with a very small amount of system-compatible release agent. Join transitions wet-on-wet and compact the surface without voids.

At a typical 8 mm application, approximately 14-18 kg/m² of mix is required; verify the exact value with a sample application.

THICKNESS	METHOD	CONSUMPTION
6-10 mm	Wet edge	Depends on thickness

IMPORTANT

Use the prepared mix within its pot life according to ambient temperature. Do not add more resin, water or solvent once the material starts to harden.

03 / COMPLETION

Curing and Protection

Porosity, detailing and use plan according to the application area

06 / CHECK POROSITY AND DETAILS

If an open-pore, draining system is designed for outdoor use, do not seal the surface; keep drains open. For interiors, wet areas or where stain resistance is required, apply only a CO-STONE-compatible pore filler and protective system in the number of coats specified in the technical data sheet.

OUTDOOR

Draining option

INDOOR

Filling option

DETAIL

Keep drains open

07 / PROTECT AND CURE THE AREA

Protect the application from rain, water, dust, intense sunlight, frost and foot traffic. Under typical conditions, light foot traffic may begin after approximately 24 hours and full use after approximately 7 days. Low temperatures and high humidity may extend these times.

LIGHT TRAFFIC

Approx. 24 hours

FULL CURE

Approx. 7 days

CONDITION

23°C / 50% RH

USE AND MAINTENANCE

Carry out the first cleaning only after full cure. Use a neutral-pH cleaner and soft equipment. Avoid abrasive pads, strong acids/alkalis and chemicals left on the surface for extended periods. Check outdoor drains regularly.

APPLICATION CONDITIONS

Recommended surface/ambient temperature: 10-30°C. Do not apply to surfaces at risk of condensation, frozen, excessively hot or wet.

Wait for full cure before final use

Application complete