



Description

DecoStone Basecoat is superior quality pure acrylic emulsion based intermediate coat for DecoStone systems. DecoStone Basecoat consists of precisely crushed, non-fading colour aggregates, pure acrylic emulsion and low VOC chemical additives.

Recommended Substrates

- DecoStone Basecoat is suitable for interior and exterior application on cement plaster walls, gypsum boards, fair faced concrete walls & ceilings and rendered applied masonry surfaces.
- DecoStone Basecoat is not recommended over plastic, wood, horizontal or slanting surfaces subject to weathering.

Technical Data

Colour*	As per Conmix DecoStone standard colours.
Finish	Matt
Volume Solids (ASTM D 2697)	68 ± 2 %
Specific Gravity (ASTM D 1475)	1.65 - 1.75
Theoretical Spreading Rate**	0.6 – 0.8 m ² /kg @ 1.3 - 1.6 mm wft
Drying time @ 25 °C***	
Wet film thickness per coat	1.3 - 1.6 mm
Surface Dry	2 - 3 hours
Dry to over coat	4 - 16 hours
Hard dry	2 - 4 days
VOC	< 30 g/l

* Minor colour deviations caused by the use of natural stone granular material are possible in different batches. Therefore, only use material from the same batch number for continuous surfaces. Mix the last few pails from one batch with a different batch to minimize any colour difference. Always use material of same batch, when applying on seamless surfaces.

** Indicates theoretical spreading rate. Wastage factor should be considered in practical application. Theoretical Spreading Rate may also vary according to substrate or application conditions. The practical coverage is best established by a trial application on site and executed by your desired applicator.

*** The material cures physically by evaporation of water. Tested under typical laboratory conditions.

Performance Features & Benefits

- Environment friendly
- Easy to apply and ready to use
- Very fine stone size helps as basecoat for subsequent coat
- Permeable and weatherproof
- High performance durability
- Safe, non-toxic, easy to clean with soap and water

Surface Preparation

The substrate must be even, clean, permanently dry, solid, sound/stable, and free from loose particles. Concrete and plaster surfaces with dirt deposits, loose particles and other contaminations must be cleaned mechanically or with high-pressure cleaner. Clean surfaces with organic growth (moss, algae and mild) by high pressure water jet. Treat the surfaces with suitable fungicidal solution and allow drying thoroughly. Any damaged area or surface irregularities should be repaired before application. Repaired surface must be dried out completely before application. Damp surfaces can lead to defects in subsequent coats, such as blistering or cracks.

The performance of this coating is directly related to the quality of surface Preparation.

Application Tools

Hopper Gun
Hopper Gun Caliber 8 mm
Spray Angle 90°
Nozzle Size 3 - 6 mm (depends on desired texture)
Pressure 1400 - 3000 psi

*The spray details given above are intended as a guide only, fluid hose length, diameter, paint temperature and project complexity all influence the choice of tip and operating pressure. Always check to ensure that filter is clean.

Mixing

- DecoStone Basecoat is single component water based product, should be mixed properly before application. Mix DecoStone Basecoat with a low-speed SS agitator only.
- Add little water if required to achieve application viscosity.
- For machine application the amount of water added depends on the requirement of the respective spraying equipment. If necessary adjust to working viscosity with tap water (max. 5% or less as required to achieve the desired texture). Ensure short stirring times at low speed to prevent foam formation in material.
- In case of dark colour shades less water needs to be added to achieve the optimum application viscosity.
- Diluting the material too much will make application more difficult and will result in less hiding power and improper colour shades.

Application

Do not apply during strong wind, fog, high relative humidity, and imminent rain or frost. Do not apply or leave to dry in direct sunlight as this can lead to differences in gloss levels and even to slight cloudiness.

Typical Application Procedure

- Depending on the type and condition of the substrate, apply suitable primer/sealer prior to application. Over suitable masonry surface it is required to apply prime coat of ConDure Stone Primer (white or black).
- Allow thorough drying of priming coat before further application. Apply the textured material with suitable spraying equipment homogeneously to the complete surface.
- We are recommending to apply 1st coat of DecoStone Basecoat prior to DecoStone systems for colour shade adjusting. The DecoStone Basecoat has to be similar of colour shade as DecoStone systems.
- Always maintain a wet edge on material by applying and texturing continually over the wall surface. Apply thoroughly an even layer during spray application and avoid overlapping that may be caused by stories of scaffolding.
- To achieve a uniform texture, directly after that you have to treat the material evenly with a hard PVC roller to smoothen the surface. If it's with design grooves, the groove tapes has to be removed as earliest and with care, to avoid damages within the coated surface.

Conmix technical service team will assist in these procedures upon request.

Recommended Paint System

- 1 x ConDure Stone Primer
- 1 x DecoStone Basecoat
- 1 x DecoStone Coarse/Smooth
- 2 x ConDure StoneGuard Nano Clear

Pack Size

5 KG & 30 KG

Shelf Life

18 months from date of production, provided the product is stored properly in original unopened packing under proper storage conditions. The product must be kept in cool, dry well ventilated space and away from source of heat and ignition.

Safety Information & Exposure Controls

Generally most of the water based products are quite safe to handle with precautions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

Refer material safety data sheet as well.

General Information

Stir well prior to use.
Keep the container tightly closed to prevent drying.

General Information

Before the painting the following things should be checked thoroughly;

- Moisture content of the wall (ideal condition – below 10%)
- pH value of the wall surface (Ideal condition – below 11)