



Florentina Design Concrete



Product Attributes

Resistance to External Weather

Does not
get affected
by changing
weather



**Long Lasting
Durability**
Comes with
10 years of
performance
warranty

**Water
Resistant**
Presence of
Silicon
makes it
water-repellent



**Prevents
growth of
algae and
fungus**

UV Resistant



Product Description

Florentina Design Concrete is a high build product containing specially designed pure acrylic emulsion along with silicon for enhanced performance. The product has high resistance to mechanical damage, UV resistant and prevents damages from development of algae and fungus. Florentina Design Concrete helps in creating elegant finishes of trendy and natural looking designs on concrete structures.

Recommended Use

Interior and exterior surfaces of concrete, plaster, masonry as well as hardboards plasterboards and insulating systems.

Colour Range



White

Dilution



Up to 5% (v/v) water is required
for better workability

Density



$1.77 \pm 0.2 \text{ g/ml}$

Over coating Time



8-12 hrs. (at $25 \pm 2^\circ \text{C}$)

% Vol. Solids



$61 \pm 3\%$

Drying Time (at $25 \pm 2^\circ \text{C}$, relative humidity of 60%)



Touch Dry: 45 min

Dry to Recoat: 8-12 hrs. (Drying time may
vary as per temperature, film thickness, humidity etc.)

Finish

VERY HIGH

HIGH

TEXTURED ✓

MATT

Textured

Coverage



Approx. 3.00 -5.00 Sqft/Kg/2 Coats
(depending on pattern thickness) (It is recommend-
ed to evaluate actual coverage on site)

Recommended Dry Film Thickness



Approx. 0.8-1.5 mm
(depends on application and surface)

Application Tools



Roller / Brush / Trowel

Flash Point



NA as it is 100% water-based

Thinner



Upto 5% Water, for better
workability



Florentina Design Concrete



Packs



30 Kg



Fire Hazard Class
Non- flammable



Pot Life of Thinned Material
24 Hrs



Shelf Life
12 months in drum packing
when stored in a dry, covered
ventilated area

Surface Preparation

For New Substrates: (well dried substrate with moisture content less than 12%)



The surface should be sound, perfectly cured, dry and free from any contaminants, dust, grease etc.



Laitance, efflorescence, salts must be removed vigorously with wire brushing



In order to get better performance of the paint, remove any previous growth of algae, moss or fungus by vigorous wire brushing. Apply a coat of Bio Wash Solution on the fungus-affected areas. After about 24 hrs. clean the entire surface thoroughly by high pressure water jetting.



Cracks, if any, should be opened in 'V' shape, cleaned dust free followed by application of Seal-O-Prime in the cracks followed by appropriate crack filling material

For Repainting: (Well-dried surface with moisture content less than 12%)

In case of repainting, complete removal of existing paint is highly recommended.

For treatment of fungal, algae growth and cracks, follow the same treatment mentioned above.

Method of Application

Application of Florentina Design Concrete:

Primer Application –

Apply one coat of Weathercoat Exterior Primer/ Seal-O-Prime as recommended and allow it to dry for 4 to 6 hours.

Texture Application –

Step 1:

Base coat - Apply smooth and uniform first coat of Florentina Design Concrete – by trowel and allow it to dry for 6-8 hours.

Step 2:

Pattern Creation Coat - Apply 2nd coat of Florentina Design Concrete – by Trowel and use specified design tools immediately to make design pattern.

Step 3: CLEAR COAT APPLICATION

Apply 1st coat of water repellent Solitaire Acrylic Clear - MATT with recommended dilution – by Roller/Brush and allow it to dry for 6-8 hours.

Step 4: TINTED CLEAR COAT APPLICATION

Tint Solitaire Acrylic Clear- Matt with specified colorants to get the desired finish shade. Apply tinted Solitaire Acrylic Clear- Matt with roller. Wipe off with wet Sponge Block in the direction of the prepared pattern to get the desired finish.

Safety & Precautions

- ▶ Do not apply when the temperature is below 10° C, humidity above 90%
- ▶ Keep away from children and foodstuff
- ▶ Ensure that existing paint is properly bonded and not peeling off
- ▶ Stir the contents thoroughly before dilution
- ▶ Avoid extra thinning and over extending the roller of brush
- ▶ Avoid contact with eyes and skin
- ▶ Use rubber gloves, safety goggles and face mask

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