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PUFFIN ART STONE

is a 100% pure acrylic formulation with special filler stone texture surfaces, this product has low PVC, high binder with specialty & optimal resin / latex, additive, surfactant, colorant and other green raw material. It is designed for durability in extremely harsh tropical climate, 2x UV Protected Colors, outstanding protection against the destructive effects of UV rays and heat from Infrared(IR) rays, This product will not blister, flake or peel for 5 years (minimum)

Features

- Water based with end surface texture
- 100% acrylic paint with outstanding performance resin / latex and selection colorant
- Low Voc
- Formaldehyde Free
- Heavy Metal Free
- APEO Free
- Carbendazim free
- Excellent dirt pick up resistant
- Color durability
- 1 hour recoat and easy clean up
- Easy to apply spray (minimum nozzle 6mm)
- Environment friendly

Recommended use

Topcoat for exterior suitable for new or painted interior concrete masonry, plaster and brick work, gypsum and wood panel

Film thickness and spreading rate	Minimum	Maximum	Typical
Film thickness, dry (um)	700	1000	850
Film thickness, wet (um)	900	1200	1100
Theoretical spreading rate	1,5	1	1,25
(kg/ m2)			

Physical properties

Color	As per color card
Solids (vol %)*	77+/-2
Flash point	Nonflammable

*Measured according to ISO 3222:1998(E)

Application methods

Spray	Use hooper gun cement spray or conventional spray
Mixing ratio (volume)	The paint is ready to use after proper stirring if thinning is required water may be added up to a maximum of 5%
Thinner/ cleaner	Water

Guiding data airless spray

Pressure at nozzle	140-190 kg/cm ² (2100psi)
Nozzle tip	6"-8"
Spray angle	65'-80'
Filter	check to ensure that filters are clean

Drying time	Drying time are generally related to air circulation, temperature, film thickness, and number of coats, and will be affected correspondingly.
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The figures given in table are typical with:

- Good ventilation (outdoor exposure of free circulation of air)
- Typical film thickness
- One coat on top of inert substrate
- Relative humidity 70 %

Substrate temperature	10°C	23°C	40°C
Surface dry	2h	1 h	0.5 h
Through dry	8h	6h	4h
Dry to re coat minimum 1	4h	2h	1h

Dry to re coat minimum 2, 3

1. Recommended data given for re coating with the same generic type of paint
2. In case of multi coat application, drying time will be influenced by the number and sequence and by total thickness of previous coats applied-reference is made to corresponding system data sheet
3. The surface should be dry and free from any contamination prior application of subsequent coat

The given data must be considered as guidelines only, the actual of drying time /time before re coating may be shorter or longer depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc, a complete system can be described on a system sheet, where all parameter and special condition could be included.

Typical paint system	Exterior
Puffin Primer Texture	1 coat
Puffin Basecoat ELS	1 coat
Puffin Art Stone Topcoat A	1 coat
Puffin Art Stone Topcoat B	1 partial area coat
Puffin Art Stone Topcoat C	1 partial area coat
Puffin Art Clear Texture	1-3 coat

Other system may be specified depending on area of use

Surface Preparation	All surfaces must be thoroughly cleaned and free of all dirt, dust, grease, loose or flaking paint. Efflorescence or mould on masonry or concrete surfaces must be treated. Occasionally an apparently sound old paint will lose adhesion when recoated, particularly if the new paint is darker in color. To avoid this, check the adhesion of the old paint by cutting an 'X' through a clean area of the film with a sharp blade, press cellulose tape firmly across the cut and rip if
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off. If the old paint comes off with the tape it should be removed before repainting.

Clean Up

Clean all equipment with water

Condition during application

Apply at a temperature between 10°C and 35°C, Temperature of substrate should be minimum 3°C above the dew point of the air, the temperature and relative humidity should be measured in vicinity of substrate

Storage

The product must be stored in tightly closed container and keep container in dry cold, well ventilation space, away from source of heat and ignition.

Handling

Handle with care, stir well before use

Packing size

1 Kg & 5 Kg & 20 Kg