

TECHNICAL DATA SHEET

Bonnart

Granite Spray Paint – G360

Product Description

Bonnart G360 Granite Spray Paint is made of colored with grains of ceramic and marble stones and stone powder of different aggregate sizes and shapes with weather-resistant synthetic resin emulsion as the main component to provide a colorful color and pattern as natural stone. It is an environmentally friendly product with low V.O.C. which provides a pattern with granite, marble, natural rock and other stone with natural color as well as durability to show as luxury and elegance.

Features & Benefits

- Excellent in adhesive strength
- Good moisture and salt resistance
- Slight elongation for hairline crack and break
- Good in weather resistant



Application Surfaces

It is suitable for the application interior surfaces of the following substrates: -

Precast Concrete, Poured in Place Concrete, Plaster (Mortar) GRC

Application Locations

It is suitable for the application to interior surface of the following locations:-

Walls and columns, Ceilings and Beams, Fence walls, Roof parapets, Mouldings Bends, etc.

Application

Spray

Glossiness

Matt

Color

Standard color chart from Bonndeco tailor made color

Package available

20kg/can

Thinning ratio

0 ~ 2%

Drying time

16 hours or more, depending on the weather condition at the time of application,

Theoretical spreading ratio

Approximately 4.5~5.0 kg/m²

Typical Painting System		
Preparation	System	
Surface should be smooth, clean and dust free.	Sealer	Bonndeco Ultra Sealer – GL1000
	Compound	Bonnart Spray Granite – G360
	Protective Coat	Bonnart Clear Topcoat – GL2001

Properties	
Condition in container	There shall be no lumps, no separation and no coagulation of the ingredients
Low temperature stability @-5°C	Unchanged
Cracking resistance against initial drying	No cracking
Drying time @20°C	≤ 4 hours
Water resistance (96 hours)	After immersion in water for 96 hours, the gloss retention was 94% and there was no change in the paint film
Impact resistance	No cracking, peeling off, obvious deformation
Dirt resistance	Color change ≤ 2 (Grey scale)
Adhesion Strength	Standard condition: 1.04 MPa After immersion: > 1.08 MPa
Accelerated weathering resistance (500 hours)	Appearance: No cracking, hollow, peeling off Degree of Chalking: 0 Discoloration: 1

Remarks:-

1. The recommended coverage rates, including those of normal wastage, are for reference only. Actual coverage may vary depending on the working condition of the site, the degree of evenness and smoothness of the substrate surface, and the pattern of the texture sample as selected and approved by the architect or client.
2. We reserve the right to change or adjust the composition of material used in the specification of our products due to our constant research and development to improve of the quality of our products.

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Surface Treatment & Condition Requirement

New Surface

- Substrates must be properly cured before applications.
- Application surface must be smooth and free of voids or sharp projections.
- Any application surface such as precast concrete, with excess pinholes, honeycomb, cracks, uneven or porous condition, should be filled up prior to the application.
- Any application surface, with laitance, efflorescence, dust, rust, oil grease, curing agent etc. must be removed completely by brushing, sanding or other effective means.
- Recheck surface after repair to assure satisfactory condition prior to Bonndeco application.

Old Surface

- All loose coating on the application surface should be removed by wire brushing, Sanding or other effective means.
- Any laitance, efflorescence, dust, rust or oil grease must be removed completely by brushing, sanding or other effective means.
- All defective areas, hollow plasters and spoiling concrete must be hacked off.
- Defective wall surfaces must be repaired by filling cracks or re-plastering of hacked off portions.
- To paint areas must be cleansed by high pressure water jet at 1,500 psi and all surfaces should be of the sound, clean, dry and sufficiently smooth that accepted as an appropriate substrate for the application of Bonndeco Products.

Fungus

Remove by high-pressure water jet wash and treated with anti-fungus solutions. Allowed to dry before painting.

Grease

Clean Off with mild detergent and a little solvent. Wash thoroughly to remove all trace.

Application Procedure

- Shake and stir thoroughly to get a complete dispersion of pigment.
- Use standard practice, either by rolling, brush or spraying, to ensure conformance to the specification requirement.
- Drying time may take at least two (2) or eight (8) hours at 10°C-20°C
- Workers, applying in confined areas, are required to wear protection masks and exhaust ventilation should be properly supplied to the confined area.

Precautions in use

Handling and storage

- Do not use near flames
- All workplaces to always have specific ventilating equipment in operation.
- Particular precautions to be taken for good ventilation during application and while drying, and precautions taken to avoid any inhaling of fumes.
- During handling, precautions to be taken to avoid any skin contact and as necessary, gas mask against organic gas or fresh air supplying masks to be worn and also use head towels, wear protective eyeglasses, long sleeved protective gowns, neck protecting towels, protective gloves, etc.
- When coat is spilled, wipe with waste cloths to be kept stored in water filled containers.
- Until final disposal, all waste cloths that have been exposed to coat, hardeners or thinners, and leftover coat, spray dust, etc. for disposal shall be kept doused in water filled containers.
- After handling or application, hands to be thoroughly washed and extensive gargling is advised.
- The handles on the upper part of the tin containers are solely for carrying the tins. Please do not use ropes and hooks on the handles for hanging the tins.
- During storage, containers are to be tightly sealed and stored out of any direct sunlight or any exposure to rain, in a cool, well ventilated area.
- Please store away from any foreign instruction by third parties and out of the reach of children.

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