

TECHNICAL DATA SHEET

Bonndeco Interior

Modified Acrylic Resin Emulsion

Product Description

Bonn Interior topcoat is high-efficiency anti-mold topcoat is combined of modified acrylic emulsion and weather-resistant pigment. It's unique and core technology to prevent the growth of mold and algae on the wall paint surface. It is environmental product with low V.O.C. and low formaldehyde. The product is excellent in hiding power, adhesion, scrub resistance and suitable for residential, hotels, house, hospitals for interior walls and ceiling.

Features & Benefits

- Excellent opacity
- Good fungus resistance
- Cost effective, Economic but good quality
- Good moisture resistance
- Easy Application
- Low odour
- Washable

Typical Painting System		
Preparation	System	
Surface should be smooth, clean and dust free.	Sealer	Bonndeco Ultra Sealer (1 coat)
	Topcoat	Bonndeco Interior (2 coats)

Properties	
Condition in container	There shall be no lumps, no separation and no coagulation of the ingredients
Low temperature stability @-5°C	Unchanged
Drying time @20°C	≤ 2 hours
Coating appearance	Normal
Salt resistance (24 hours)	Unchanged
Hot and cold (3 times cycle)	No peel off, no crack, deboned, allow the color slightly different comparing with pre-test sample.
Dirt resistance (White and light color) %	12%
scrub resistance	≥1500 times
Mold resistance	0 degree
Color contrast	0.97



Application Surfaces

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

Precast Concrete
Poured in Place Concrete
Plaster (Mortar), Stucco, GRC
Tile Filler, Existing paint film

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,
Bends, etc.

Application

Roller, Spray, Brush

Glossiness

Matt

Color

Standard color chart from Bonndeco
tailor made color

Package available

23kg/can

Thinning ratio

5 ~ 10%

Drying time

At least two (2) eight (8) hours,
depending on the weather condition at
the time of application.

Theoretical spreading ratio

Approximately 80-90 m2/ 2 coats/
can

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

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

Old Surface

- a. All loose coating on the application surface should be removed by wire brushing, Sanding or other effective means.
- b. Any laitance, efflorescence, dust, rust or oil grease must be removed completely by brushing, sanding or other effective means.
- c. All defective areas, hollow plasters and spoiling concrete must be hacked off.
- d. Defective wall surfaces must be repaired by filling cracks or re-plastering of hacked off portions.
- e. 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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Bonn Interior Topcoat

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Job Reference

Project	Main Contractor /Owner	Year
富昌中心 Fu Cheong Shopping Centre, Sham Shui Po, Kowloon	Link Asset Management Ltd	2018-2019
星漣海 Seanorama, 1 Choi Sha Street, Ma On Shan	CK Asset Holdings Ltd	2018-2019
黃道益 No. 83 Fuk Yi Street, Yuen Long Industrial Estate	Wongtoyick	2018-2019
海之戀愛炫美 Ocean Supreme, 100 Tai Ho Road, Tsuen Wan	CK Asset Holdings Ltd	2018-2019
博物館 M + Museum Project at West Kowloon Cultural District Architectural Builders' Works (ICP and ISP)	West Kowloon Cultural District Authority	2017-2018
史丹福美國國際學校 Stamford American School, 25 Man Fuk Road, Ho Man Tin	Stamford American School	2017-2018
No. 66 Robinson Road, Hong Kong	Pilot Building Services Limited	2017-2018
天耀廣場 Tin Yiu Plaza, 2 Tin Wu Road, Tin Shui Wai, Yuen Long	Link Asset Management Ltd	2017-2018
H Queen's, 76-82 Queen's Road Central, Central	Henderson Land Development Company Ltd	2016-2017
SS D828 Construction of Public Toilet at Sheung Shui Garden No.1	Architectural Service Department	2016-2017
聖士提反書院 St. Stephen's College, 22 Tung Tau Wan Road, Stanley	St. Stephen's College	2016-2017
AKVO Hotel, 57 Jervois Street, Sheung Wan	Hansion Construction Holdings Ltd	2015-2017
亞洲貨棧物流中心 Renovation Works for G/F Lift Lobbies, Drop Off Area & Public Area at G/F of Centre A&B of ATL Logistics Centre, Berth 3, Kwai Chung	ATL Logistics Centre Hong Kong Ltd	2015-2106

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