

ROCABRIT™ 240

HYBRID WATER BASED FLOOR COATING SYSTEM

240

PRODUCT DATA SHEET

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DESCRIPTION

ROCABRIT™ 240 is a one component Eco Friendly Low VOC Hybrid water based product for floor coating.

RECOMMENDED USES

- Parking floor
- Factory
- Warehouse
- Public area
- Laboratory
- Office
- Residential building
- Etc.

MAIN PROPERTIES

- Easy to install, one component product
- Seamless and easy to clean
- Good value product
- Attractive and available in many colors
- Resistant to pollution, rain and carbonation
- Resistant to algae, fungus
- Excellent bonding to substrate
- Breathable product, so no clogging, no delamination
- UV stable, color not fading with the time
- Suitable for interior and exterior
- Not flammable
- Very low VOC product
- Eco friendly and 100 percent Green product

TECHNICAL PROPERTIES

Appearance	liquid, gloss
Odor	acrylic
PH	8-9
Specific density	1.08
Disperse	possible with water
*VOC	<11
UV resistance	excellent
Skid resistance	good
Gloss	33.58%
Solid content	50%
*Elongation at Break	80.63%
*Tensile strength	5.26 mm ²
Adhesion	Classification 5B
*Wet film thickness	400 - 460 microns
*Dry film thickness	200 microns
Flash point	>90° C
Pencil hardness	2 H
*Temperature resistance	100° C
Pot life at 35 degree C	6 hours

COLOR

- Light Gray #7040
- Dark Gray #7037
- Yellow Buff,
- Light Green #6021
- Green #6029
- Blue # 5024,
- Red
- Other colors upon request #9003

SURFACE PREPARATION

- By grinding. The existing concrete should be strong and have a mechanical strength of at least 210 KSC [cyl]
- The surface must be sound, clean and dry substrate with a maximum content of 5 percent moisture by weight.

MIXING AND INSTALLATION

PRIMER

- Apply **ROCABRIT™ 240 PM** [Primer] with paint roller 100 - 120 gr/sqm
- Let the product dry for 6-8 hours

MIDDLE COAT

- Add water 20 % to **ROCABRIT™ 240 MC** and mix with low speed electric mixer till obtaining homogenous substance
- Apply first coat of **ROCABRIT™ 240 MC** [Middle coat] with paint roller
- Let the product dry for 2 hours
- Apply second coat of **ROCABRIT™ 240 MC** [Middle coat] without adding water, use paint roller
- Let the product dry for 2 hours

TOP COAT

- Apply **ROCABRIT™ 240 CT** [Coating] with paint roller, 2 coats
- Between each coat, let the product dry for 2 hours

AVERAGE CONSUMPTION

- Small Set : 18 sqm/set
- Large Set : 83 sqm/set

TRAFFICABILITY

6 hours	touch dry
12 hours	light traffic
2 days	normal traffic
7 days	possible for normal cleaning with light detergent.



Technology for Engineers

Above datas are given for information only, based on our testing and experience. As the product may perform differently depending on some factors like, substrate, temperature, moisture in the air, wind conditions. We strongly recommend users to test a small quantity of the product at the actual job site to prevent any wastage. Roca10 is continuously working on Research and Development to improve the product, therefore we reserves the right to change the datas if needed. Users should check and always refer to the latest update version of the

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PACKAGING

Small Set

ROCABRIT™ 240 PM	2.16 kg/container
ROCABRIT™ 240 MC	4.32 kg/pail
ROCABRIT™ 240 CT	3.6 kg/gallon

Large Set

ROCABRIT™ 240 PM	10 kg/container
ROCABRIT™ 240 MC	20 kg/pail
ROCABRIT™ 240 CT	16.6 kg/pail

HEALTH & SAFETY

Material Safety Data Sheet (MSDS) available upon request.

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