AL-MADINA
Construction Chemicals

Technical Data Sheet

Madina Roof 260

Water Proofing Coating

PRODUCT DESCRIPTION

Water proof coat based on a high flexible acrylic emulsion to be used as waterproofing coating for different substrates.
Available in White &custom colors.

PRODUCT CHARACTERISTICS

· High resistance to Dirt Pick Up.
· High coverage power.
· Good cooling effect and solar reflectance properties.
· water uptake resistance, water vapor transmission rate and alkali resistance.
· Excellent resistance to variable temperatures, and pollution.

RECOMMENDED USE

Suits indoor and outdoor applications.

TYPE OF SURFACE

Concrete, Cement Plaster & Bathrooms...etc.

TECHNICAL SPECIFICATION

Final Appearance	**Matt**
Viscosity	**140± 5 Kreps (at 25°C temperature and 50% humidity) according to (ASTM D562-10 (2014))**
Density	**1.49 ± 0.05 gm/cm3 (at 25°C temperature and %50 humidity). according to (ASTM D13-1475)**
Solids by Volume	**60± 2%**
Flash Point	**Non inflammable**

METHOD OF APPLICATION

Diluent	Water
% Dilution (by volume)	5% TO 10%
Tools	Roller, Brush, Sprayer

FILM THICKNESS AND SPREADING RATE

1.100- 1.300Kg/m² at 500µ DFT .

DRYING TIME

Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats.
Data in schedule is measured at 25°C temperature and 50% humidity .

Surface Drying (for white color)	2 hours approximately
Re-coating (for white color)	5 hours approximately
Full Dry	24 hours

RECOMMENDED COATING SYSTEM

All surfaces (new and old) should be clean and free from dust, oil, fat...etc.

FOR NEW SUBSTRATES

· Application of 1 Coat of Madina Roof 260 with diluted 10% .
· Application of 2 Coat of Madina Roof 260.

Wooden and iron surfaces:

· Application of 1 Coat Primer with diluted 10% .
· Application of 2 Coat of Roof 260.

FOR OLD SURFACES

· After sandpapering, clean the surface properly with suitable detergent and water.
Let dry, then follow the steps for application.
· Application of 1 Coat of Madina Roof 260 with diluted 10% .
· Application of 2 Coat of Madina Roof 260.

CONDITIONS OF APPLICATION

· Temperature of surface to be proof should not be lower than 10°C and 3°C above dew point.
Appropriate air temperature and humidity should be observed.

GENERAL NOTES

1- Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature and quantity lost during application...etc.
2 - Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3 - Paint should be mixed before use if it is made of different batches.

STORAGE

· Two years from the date of production, provided that appropriate storage conditions are observed .
· The product should be stored in a cool, well-ventilated place away from sunlight and direct heat .
· Containers must be tightly closed after use .

Instructions for use and safety

· Please read and follow the health and safety instructions on the package .
· The product must be handled with caution before and during application .
· Avoid contact of the paint with the eyes and skin or inhale its spray and vapors during application .
· It is advisable to use the product in well-ventilated places or use artificial ventilation when applying with a spray .
· Keep out of reach of children .

SAFETY BREATHING APPARATUS

Where workers encounter concentrations higher than the exposure limits, they must wear suitable, approved masks.

EYE AND FACE PROTECTION

Use eye protectors designed to protect against liquid splashes.

For the safety of the environment:

Please hand over the waste paint and surplus packaging to any local authorized authority for the purpose of use or recycling.

CLARIFICATION

The information in this Technical Specification is given to the best of our knowledge.
It is based on laboratory tests and practical experience.
company no responsibility for consequences of breaching the instructions.
The Company reserves the right to change data herein without notice .
This version supersedes prior versions .

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