

# POLYDEX

## PRODUCT DESCRIPTION

Emirates Polydex is an acrylic copolymer emulsion-based system, designed to provide a flexible, waterproofing performance for roof protection.

## PRODUCT FEATURES

- Water based
- Water proof
- Easy application
- Enhanced with advanced adhesion and durability
- Superior water-proofing protective coating
- Seals hairline cracks
- Shock absorption
- Solar heat reflection
- Low flame spread property
- Moisture and UV resistant
- Water resistant
- Anti-bacterial, anti-fungal, and anti-algae

## RECOMMENDED USE

This product is recommended for application on cementitious surfaces, mosaic tiles, metal roofs, wooden roofs and domes.

\*Used for interior and exterior applications.

## TECHNICAL SPECIFICATIONS

Color	White
Finish	Satin
Spreading Rate	1.4 - 1.8 m <sup>2</sup> / litre
Volume Solids (ASTM d2697)	55 ± 2%
Specific Gravity	1.25 ± 0.05
Dry Film Thickness	300 - 400 Microns / Coat
Wet Film Thickness	545 - 730 Microns / Coat
Packaging Size	3.6L + 18L
Flash Point	Water Based



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### APPLICATION DATA

Application Method	Brush, Roller, Spray
Thinner	Water, volume depending on the application method
Airless Spray Requirements	Nozzle Size: 0.018" – 0.021" Pressure: 2000 – 2500 psi

### SURFACE PREPARATION

The surface must be clean, dry and free from oil, grease, dust and loose particles prior to application.

### DRY TIME

Touch Dry	4 - 6 hours
Dry to Recoat	12 - 16 hours
Full Dry	24 hours

\*Based on temperatures at 30 degrees Celsius.

\*Humidity, air movement, film thickness and number of coats may impact dry time.

### RECOMMENDED SYSTEM

Emirates Polydex as Primer Coat	1 Coat
Emirates Polydex as Intermediate Coat	1 Coat
Emirates Polydex as Topcoat	2 Coats



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### HEALTH & SAFETY

Water based paints are generally quite safe when handled with precaution, we highly recommend you follow your local safety regulations. Avoid inhalation of vapors and paint mist by painting in a well-ventilated area with a suitable mask. As a general rule, please avoid skin and eye contact by wearing the appropriate protective gear. However, if spillage occurs please wash with water. In the case of eye contact and/or ingestion seek medical attention immediately.

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### STORAGE & HANDLING

We highly recommend storing our paint in proper storage conditions as per your local regulations. Keep the paint container sealed and away from direct sunlight and extreme temperatures. Do not keep paint material near any ignition sources. Do not return the half or unused material back to the original container containing the supplied paint to avoid contamination. Handle with care and mix well before use.

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### SHELF LIFE

\*For best results, please use within 18 months of the production date.

\*Shelf life can be highly affected by storage conditions, in particular, the method of sealing the container.

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### DISCLAIMER

*The data provided is based on our present state of knowledge and is intended to provide general information about our product and its uses. Emirates Paints will not be responsible for any claims after the product had been used without proper testing. Any existing industrial property rights must be observed. The quality of our product is guaranteed under our general conditions of sales.*

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