

**DIAMOND AQUA ACRYLIC FLOORING TOPCOAT****PRODUCT DESCRIPTION:**

High-quality, one pack coating based on Acrylic dispersions. It gives smooth matt finish, with excellent adhesion to cementations surfaces, good alkali resistance, with good wash ability. It contains anti-fungal and anti-bacterial additives.

**RECOMMENDED USES**

- ❖ Smooth finish with excellent adhesion on concrete floorings Wall.
- ❖ Suitable on moist surfaces also. It can also be used where limited chemical resistance is required.

**TECHNICAL DATA**

<b>COLOUR, DRY FILM</b>	Pastel shades
<b>FINISH, DRY FILM</b>	Smooth / Matt
<b>VOLUME SOLIDS(ASTM D2697)</b>	45 ± 2%
<b>SPECIFIC GRAVITY</b>	1.25 ± 0.05
<b>THEORETICAL SPREADING</b>	9 – 6 M <sup>2</sup> /LTR
<b>RECOMMENDED DFT (DRYFILM)</b>	50 – 75 Microns/Coat
<b>RECOMMENDED WFT (WETFILM)</b>	110 – 170 Microns/Coat
<b>FLASH POINT</b>	Water Base

**DRYING TIME**

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
<b>TOUCH DRY</b>	30 – 45 minutes
<b>DRY TO RECOAT</b>	4 – 6 hours
<b>FULLY DRY</b>	48 hours

**ADVANTAGES**

<b>DIAMOND AQUA ACRYLIC FLOORING TOPCOAT</b>	Single pack water based, easy to apply, excellent adhesion to cementations surface, good mechanical properties, suitable for Application on moist areas. Low VOC and limited resistance to several chemicals.
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**APPLICATION INSTRUCTION**

<b>SURFACE PREPARATION</b>	Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. Application can be done by the recommended application methods.
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**APPLICATION DATA**

<b>APPLICATION METHOD</b>	Brush, Roller or Spray
<b>CLEANING/THINNING</b>	Water
<b>THINNER (VOLUME)</b>	5 – 10% depending on the method of application
<b>CONV. SPRAY REQUIREMENTS</b>	Pressure: 40 psi
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure : 2000 – 2500 psi
<b>NOZZLE SIZE</b>	0.018” – 0.021”
<b>MIXING RATIO (BY VOLUME)</b>	One pack
<b>POT LIFE @ 30°C (100 ml)</b>	NA

**SYSTEM**

<b>RECOMMENDED SYSTEM</b>  To be applied on prepared surface.	DIAMOND Aqua Acrylic Flooring Primer	: 1 coat
	DIAMOND Aqua Acrylic Flooring Topcoat	: 2 coats
	OR	
	DIAMOND Aqua Epoxy Primer	: 1 coat
	DIAMOND Aqua Acrylic Flooring Topcoat	: 2 coats

**ADDITIONAL DATA**

<b>SHELF LIFE @ 30°C</b>	6 months, in original sealed container, with proper storage conditions.
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**HEALTH & SAFETY**

<b>SAFETY PRECAUTION S</b>	<p>Generally, most of the water base paints are quite safe to handle with due precautions. As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapors and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area. Local safety regulations to be followed.</p>
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**STORAGE & HANDLING**

<b>STORAGE</b>	<p>Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not keep paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.</p>
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**Limited Guarantee:** All Diamond Paints products are guaranteed for best performance; however since Diamond Paints does not control the final application of its products, nor the condition of the surfaces to which they are applied; a limited guarantee is provided. If the product does not perform as specified, Diamond Paints liability will under no circumstances exceed replacement of the product.

**Disclaimer:** To the best of our knowledge the information provided herein is true and accurate at the date of issuance. The company reserves the right to modify data contained herein without prior notice. Any change in data would normally be followed by issue of anew data sheet. The user should check with the nearest sales office of the company and confirm the validity of the information, priortouse of product.