

## NOBLE POLYURETHANE TOPCOAT 4 -1

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| <b>PRODUCT DESCRIPTION</b> | Two packs, colour retentive glossy polyurethane topcoat, with excellent water resistance salt and corrosion resistance.<br>The dry film is having excellent adhesion to various surfaces, excellent flexibility and impact resistance. U.V. resistance is superior, the product is recommended for interior and exterior applications, even in marine conditions. |
| <b>RECOMMENDED USES</b>    | <ul style="list-style-type: none"> <li>- Topcoat for textured coating system</li> <li>- Topcoat for Epoxy System</li> <li>- Topcoat on steel, wood and masonry</li> <li>- Recommended as topcoat for extreme climate conditions</li> </ul>  |

### TECHNICAL DATA

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| <b>COLOUR, DRY FILM</b>           | As per Noble Shade Card             |
| <b>FINISH, DRY FILM</b>           | Smooth, Glossy / Semi Glossy / Matt |
| <b>VOLUME SOLIDS (ASTM D2697)</b> | 47 ± 2%                             |
| <b>SPECIFIC GRAVITY</b>           | 1.20 ± 0.05 (Mix)                   |
| <b>THEORETICAL SPREADING</b>      | 12 M <sup>2</sup> /LTR              |
| <b>RECOMMENDED DFT (DRY FILM)</b> | 40 Microns/Coat                     |
| <b>RECOMMENDED WFT (WET FILM)</b> | 85 Microns/Coat                     |
| <b>FLASH POINT</b>                | 25°C                                |

### DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, 1m thickness and number of coats all affect the drying time.)

|                      |             |
|----------------------|-------------|
| <b>TOUCH DRY</b>     | 2 - 3 hours |
| <b>DRY TO RECOAT</b> | 12 hours    |
| <b>FULLY CURED</b>   | 48 hours    |

### ADVANTAGES

|                                   |   |
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| <b>NOBLE POLYURETHANE TOPCOAT</b> | Two pack system with long pot life, easy to apply, good coverage, adhesion to various surfaces, excellent flexibility, impact resistance, and superior U.V. resistance. |
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### APPLICATION INSTRUCTION

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| <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>          | Noble Polyurethane Thinner   |
| <b>THINNER (VOLUME)</b>           | 5 - 15% depending on method of applications                              |
| <b>CONV. SPRAY REQUIREMENTS</b>   | Possible   |
| <b>AIRLESS SPRAY REQUIREMENTS</b> | Pressure : 2100 psi  |
| <b>NOZZLE SIZE</b>                | 0.018" - 0.020"  |
| <b>MIXING RATIO (BY VOLUME)</b>   | Base : Hardener<br>4 : 1 (Mix properly, keep 10 - 15 minutes before use) |
| <b>POT LIFE @ 30°C (100 ml)</b>   | 8 hours  |

### SYSTEM

|   |   |           |
|---|---|-----------|
| <b>RECOMMENDED SYSTEM</b><br>To be applied on prepared surface. | <b>For cementitious surface:</b>                            |           |
|   | Noble PVA Primer White / Tex Primer / Acrylic Primer (W.B.) | : 1 coat  |
|   | Noble Nutex (Spray Texture)                                 | : 1 coat  |
|   | Noble Polyurethane Topcoat                                  | : 2 coats |
|   | <b>For steel and metal surfaces:</b>                        |           |
|   | Noble Zinc Phosphate Epoxy Primer                           | : 1 coat  |
|   | Noble polyurethane Topcoat 4- 1                             | : 2 coats |
|   | (OR)  |           |
|   | Noble polyurethane Primer 4- 1                              | : 1 coat  |
| Noble Polyurethane Topcoat 4 -1                                 | : 2 coats   |           |



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### NOBLE/INTERNATIONAL TEST CERTIFICATES

| Sr. No. | Test Description        | Test Reference            | Compliance                    |
|---------|-------------------------|---------------------------|-------------------------------|
| 1       | VOC                     | ISO 11890 - 2<br>GC - FID | Local Regulatory Requirements |
| 2       | UV Resistance           | ASTM G 154                |                               |
| 3       | Elongation              | ASTM D 412 : 06           |                               |
| 4       | Tensile Strength        | ASTM D 412 : 06           |                               |
| 5       | Surface Spread of Flame | BS 476 Part 7 : 1997      |                               |
| 6       | Reaction to Fire        | ASTM E 84 - 16            |                               |

### ADDITIONAL DATA

|                          |  |
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| <b>SHELF LIFE @ 30°C</b> | 18 months, in original sealed container, with proper storage conditions. |
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### HEALTH & SAFETY

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| <b>SAFETY PRECAUTIONS</b> | <p>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.</p> <p>Avoid inhalation of vapours 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 wellventilated area. This product contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations to be followed.</p> |
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### STORAGE & HANDLING

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|----------------|---|
| <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 stock 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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**NOTE :** We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests.  
We reserve the right to change data without prior notice. For surface preparation, safety details refer specifier and safety data.

This data sheet supersedes all previous issued.  
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