

## NOBLE POLYURETHANE FLOORING H.B.

<b>PRODUCT DESCRIPTION</b>	A two pack iso-cyanate cured high build polyurethane finish with fast drying and excellent water resistance especially for the flooring applications. It has excellent abrasion resistance and anti chalking property. It provides a high resistant coating to spillage or splash of various chemicals. It has excellent adhesion on various substrates. It is used for marine applications as well.
<b>RECOMMENDED USES</b>	As a tough and abrasion resistant self leveling flooring topcoat. As a durable maintenance topcoat for metal profiles. As a antichalking, chemical resistant topcoat for cementitious surfaces, metal surfaces, wooden surfaces etc.

### TECHNICAL DATA

COLOUR, DRY FILM	As per Noble Shade Card
FINISH, DRY FILM	Smooth / Semigloss
VOLUME SOLIDS (ASTM D2697)	50 ± 2%
SPECIFIC GRAVITY	1.30 ± 0.05 (mixed)
THEORETICAL SPREADING RANGE	10 – 7.0 M <sup>2</sup> /LTR
RECOMMENDED DFT RANGE (DRY FILM THICKNESS)	50 – 70 Microns/Coat
RECOMMENDED WFT RANGE (WET FILM THICKNESS)	100 – 140 Microns/Coat
FLASH POINT	25°C
FLEXIBILITY	Good
CHEMICAL RESISTANCE	Excellent
WATER RESISTANCE	Excellent
ABRASION RESISTANCE	Excellent

### DRYING TIME

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

TOUCH DRY	2 – 3 hours
*DRY TO RECOAT / OVERCOAT	8 – 10 hours
FULLY CURED	7 days

\*With same generic type paint.



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### ADVANTAGES

#### NOBLE POLYURETHANE FLOORING H.B. SYSTEM

Self-leveling, high build with excellent water resistance, chemical resistance, abrasion resistance. The fully cured film is also resistant to mechanical damages, excellent adhesion, anti-chalking properties.

### APPLICATION INSTRUCTION

#### SURFACE PREPARATION

New concrete should be allowed to cure for at least 28 days. Remove all grease, oil and other foreign materials by scrubbing with a heavy duty concrete cleaner. On permanent coatings it is recommended that the surface be roughened with suitable mechanical device. On metal surface, an abrasive sandblast is required to Sa3, to make the metal absolutely free from loose particles, mil scales and dead metals. Surface should be clean and sound before painting.

### APPLICATION DATA

#### APPLICATION METHOD

Conventional spray, Airless Spray, roller or brush (touch-up)

#### CLEANING/THINNING

Noble Polyurethane Thinner (thinner should only be added after mixing the components)

#### THINNER (VOLUME)

5% depending on method of application

#### CONV. SPRAY REQUIREMENTS

Pressure: 40 psi

#### AIRLESS SPRAY REQUIREMENTS

Pressure : 2200 psi

#### NOZZLE SIZE

0.016" - 0.020"

#### MIXING RATIO (BY VOLUME)

Base : Hardener  
4:1 (Mix thoroughly, keep for 10- 15 minutes before use)

#### POT LIFE @ 30°C (100 ml)

4 hours (reduced at higher temperature)  
Note: product may gel at elevated temperatures



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### SYSTEM

#### RECOMMENDED SYSTEM

To be applied on prepared surface. Apply on dust free, moisture free surface. For antiskidding spread uniformly fine or medium size aggregates when first coat is wet. Apply second coat after 8-10 hours.

#### No. of coats x DFT (micron)

#### For Flooring purpose:

Noble Epoxy Primer for Cement Clear	: 1 x 40
Noble Polyurethane Flooring H.B.	: 2 x 70

### ADDITIONAL DATA

#### SHELF LIFE @ 30°C

18 months, in original sealed container, with proper storage conditions.

### HEALTH & SAFETY

#### SAFETY PRECAUTIONS

As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and airmask 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 vapours and paint mist by wearing suitable air mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area. This as industrial 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 should be followed

### STORAGE & HANDLING

#### STORAGE

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.



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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.  
Issued: 0215

