

# EBM

Coatings and Chemicals

## Technical Data Sheet

### EBM Polyurethane Floor Paint

PU6001

**Description :** A two component polyurethane coating. Used on new or previously painted cement floors, commercial and residential floors, showrooms, light-industrial floors, kitchens and restaurants, garages, stoeps and patios.

#### Features:

- 1- Polyurethane performance provides ultimate toughness.
- 2- UV and weather resistant –non-yellowing.
- 3- Offers the high performance of twin pack epoxy systems, but in an easy,
- 4- Can be easily touched up.
- 5- High impact and chemical resistance.
- 6- Excellent scratch, scuff and wear resistance.
- 7- Can be used indoors or outdoors.
- 8- Excellent scratch, scuff and wear resistance.

#### Physicals Properties:

Color	:	Grey, yellow and red and others
Density- ASTM D 1475	:	1.2 ± 0.1
Solids Content	:	60 ± 2 %
Application Temperature	:	5°C to 35°C
Track Free Time	:	2 – 3 hours
Coverage rate	:	3-5 m <sup>2</sup> /Liter
Dry film thickness	:	35 micron
Shelf Life (dry and cool store)	:	One year

#### Surface Preparation and Application Method:

1. The concrete floor should be dry, free from dirt, oil, grease and powdery material.
2. The new concrete floor must be aged three months before painting.
3. After complete drying, apply 1 coat of **EBM Epoxy Sealer Clear** for sealing the porous and binding the dust.
4. Apply 1 – 2 coats of **Epoxy SB Flooring**.
5. Apply 1-2 coats of **Polyurethane Floor Paint**

Doha Factory For Paints And Chemicals

Telephone ☎ +974-44504-119 Fax ☎ +974-4460-2832 P.O. Box: 35409, New Industrial Area

Email ✉ info@dohapaints.com Website 🌐 www.dohapaints.com

## Technical Data Sheet

### EBM Polyurethane Floor Paint

PU6001

#### Dilution and Application:

Type of thinner	:	TH300
Percentage of thinning	:	0 - 5% by volume
Mixing ratio	:	3.5 - 1 (part A: part B Vol/Vol)
Potlife (after mixing at 30 <sup>0</sup> C)	:	4 – 5 hours
For Air less spray gun	:	nozzle orifice 0.015 – 0.018 inch output pressure 120 – 140 bar
For Air Spray gun	:	nozzle orifice 1.0 – 1.5mm output pressure 2 – 3 bar

EBM EP Epoxy Tank can be used by roller

#### Drying time (at 30<sup>0</sup>C):

Touch dry	:	2 – 3 hours
Hard dry	:	6 – 8 hours
Second coat	:	8 hours
Full Cure	:	4 days

#### Subsequent Coats:

NONE

Colors: White and Grey

Packing: (16 Liter drum + 4Liter Gallon Hardener), (3.5 Liter Gallon + 1 Liter Hardener)

#### Remarks:

##### Before Application

- Stir thoroughly
- Allow the mixture to mature for 10 – 15 minutes before application
- Check Temperature above 10<sup>0</sup>C and relative humidity less than 85%

##### After Application

- Clean all tools used immediately with Thinner TH600.
- Close the cans after used
- Store in dry and cool area

For more information, don't hesitate to contact our Technical Department.