

**Technical Data Sheet**  
**JAZEERA EPOXY EGG SHELL WB**  
**JI-66006**

**Description:**

A high performance two-component, waterborne epoxy resin dispersion and polyamine adduct curing agent, hard, durable with flame spread resistance properties.

**Recommended Use:**

Recommended to use as a general propose for interior applications on steel and concrete surfaces of factories, buildings, laundries, electric rooms, etc.

**Characteristics:**

- Extremely low VOC.
- Resistance to fungal and bacterial growth.
- Flame spread resistance.
- Excellent resistance to solvents.
- Very good hardness.
- Very good flexibility.
- Very good resistance to salt, alkali and acid solutions.

**Physical Constants:**

• Finish:	Sheen.	
• color:	White & other colors as per Jazeera color card	
• Volume Solid:	43 %.	ASTM D2697
• Viscosity:	80 -90 KU (Mixed Paint).	ASTM D562
• Specific Gravity:	1.33	ASTM D1475
• D.F.T:	75 μ (mixed paint).	
• Theoretical Spreading Rate:	5.73m <sup>2</sup> /L at D.F.T. 75 μ.	
• Full Cured:	7 days @25°C.	
• VOC	80 g/L	

(To avoid waste, be sure to buy the right amount of the paint for the surface area required).

**Surface Preparation:**

**CONCRETE:**

- Make sure that the surface is clean , dry , free from dust, oil, grease, salt , mold, all forms release agents /curing and old paint.
- The surface should be prepared by light grit blasting or surface grinding to achieve concrete surface profile CSP3-1 as per International Concrete Repaire Institute ICRI. No 310.2 / SSPC - SP 13 or NACE 6
- Fill the holes and cracks with suitable fillers "Jaz Epoxy Crack Filler ESP " prior to application.

**FOR STEEL SURFACES:**

- Remove all visible surface deposits such as grease, oils with suitable detergent per (SSPC-SPI).
- Remove salt and other ontaminants by washing using high pressure fresh water.
- Any fabrication defects such as weld spatter, delamination, sharp edges and weld slag should be repaired prior to surface preparation.
- The surface must be prepared according to Sa 2½ (NACE No.2/SSPC-SPI).

**Application Guide:**

- The required temperature during application, must not be less than °0C; the surface moisture should not exceed %Λ and the relative humidity at work place should not exceed %V.
- PH of surface should not exceed 9.
- Paint should be stirred carefully before use.
- A suitable quantity of " Tap water " can be added to get reasonable viscosity for application.
- Do not apply on wet and moistened surfaces until they are completely dry.
- The mixed paint should be used within potlife.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be given between the two coats.
- Adequate ventilation should be provided during application and drying time.



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#### Application Tools & Thinning Ratio:

- Air spray Nozzle size: (1.5 - 1.8) mm.
- Airless spray Nozzle size : 0.015 mm. (approximately).
- Roller / Brush.

#### Thinner:

Recommended thinner is water.

#### Thinning Ratio:

- (15 - 25) % by volume for air spray.
- (0 - 10) % by volume airless spray.
- (10 - 15) % by volume for roller and brush.

#### Mixing:

By volume:	Base	Hardener
	1	3

#### POTLIFE:

2 hours at 25 ° C.

#### Induction Time:

15 min.

#### Painting System:

- For steel surfaces:  
Primer: Apply one coat of suitable epoxy primer.  
Topcoat: Apply two coats of "Jazeera Epoxy Eggshell WB" .
  - For concrete or cement surfaces:  
Primer: Apply one coat of "Jazeera Epoxy Sealer".  
Topcoat: Apply two coats of "Jazeera Epoxy Eggshell WB".  
- It also can be applied on "Jazeera Epoxy Sealer Clear" and "Jazeera green Putty".
- Note:** "Jaz Prime WB 100" is most suitable primer for both steel and concrete.

#### Drying Time:

- Dry to touch 2 hours.
  - Hard dry 8 hours.
  - Recoating interval 8 hours (minimum).  
7 Days (maximum) .
  - Full cure 7 Days.
- All above results according to ASTM D5895.

#### Cleaning Tools:

Tap water.

#### Packing:

- |              |          |           |
|--------------|----------|-----------|
| • Packed in: | Base     | Hardener  |
| • Drum       | 4.5 Ltr. | 13.5 Ltr. |

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**Shelf Life & Storage:**

Shelf life : 12 months @ 25 °C.

Storage: The container should be kept in sealed, dry, cool, well ventilated place and stored in accordance with national regulations.

**Handling and Safety:**

Please read and follow the precautionary notices displayed on the container, and all caution statements on the MSDS of this product.

Handle with care before and during use.

During application of paint, contact of liquid paint with eyes, skin, inhalation of paint mist and paint vapour, should be strongly avoided.

When working with paint in in-sufficient ventilated areas, forced ventilation should be provided.

For spray application system, eye, skin, respiratory protection are always recommended.

Keep away from the reach of children.

For environmental safety: please donate the leftover paint.

and packaging to your local authorized institution for usage or recycling .

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the Control of Pollution Act and the Environmental Protection Act.

**Disclaimer:**

To the best of our knowledge the technical data listed herein is true and accurate up to publication date and is subject to change without prior notice. User must contact Jazeera Paints Company to verify of any modifications before specifying or ordering the product. Thus, information given in this sheet is not intended to be exhaustive and any person using the product other than the recommendations in this sheet or without reverting to our Jazeera TSD, he should take his accountability in this connection.

As we are not capable to control the quality and the substrate's conditions as well as the factors that affect on using, or applying the product, so we never give any written or implied guarantee in these documents, but we guarantee our products to conform to Jazeera quality while we assume no responsibility for coverage, performance or injuries resulting from application. Liability "if any" is limited to replace the products mentioned above.