

## Technical Data Sheet

### JAZETAL FLAT

#### JA-35001

#### Description:

A high quality flat enamel topcoat paint, based on modified alkyd resin. It is characterized by excellent leveling , high durability and excellent resistance to water and moisture.

#### Recommended Use :

Recommended to use for interior applications on steel, concrete, cement, wood, asbestos and gypsum surfaces. For doors, windows, cabinets etc. It can be used in hard usage areas like commercial buildings, hospitals, schools, offices etc.

#### Characteristics :

- High resistance to yellowing.
- Excellent leveling and strong adhesion.
- Superior hiding.
- High hardness and durability.
- Excellent block resistance.
- Excellent washability and ease of stain removal.
- Excellent resistance to water and moisture.
- High color and gloss retention.
- Lead free.

#### Certificate:

- Complies with the SASO standard GSO 2591/2022.

#### Physical Constants:

Finish	Flat.	
Color	White and other colors as per Jazeera color card.	
Specific Gravity	1.55	ASTM D1475.
Viscosity	90 KU	ASTM D562.
Volume Solid	46 %.	ASTM D2697.
DFT	40 $\mu$ . each coat.	
Theoretical spreading rate*	11.5 m <sup>2</sup> /L @ DFT 40 $\mu$ .	

#### Tests:

Hiding	Above 95 % at 100 $\mu$ D.F.T.	
Hardness	Pass	ASTM D3363.
Scratch Resistance	Pass	ASTM D5178.
Bending	3 mm	ASTM D522.
Adhesion	Pass	ASTM D3359.
Water Resistance	Pass	ASTM D870.
Flash Point	38°C.	
VOC	318 g/L.	

\*The practical spreading rate of the product depends on the surface, ambient temperature, application method, actual DFT and the wasted amount. (To avoid waste, be sure to buy the right amount of the paint for the required surface area).

#### Surface Preparation:

##### Concrete Surfaces:

- All new surfaces shall be cured at least 28 days prior to application of the primer.
- Remove old paints completely from previously painted surfaces .
- The substrate should have sufficient strength and free from unsounded areas, pug holes, protrusions and pops.
- Make sure that the surface is clean, dry, free from dust, oil, grease, salt and mold .
- Fill the holes and cracks with suitable fillers such as "Jazeera Ultimate", "Jazeera Unique Filler" or "Jazeera Epoxy Crack Filler 400" prior to application of the primer (Refer to TSD).

##### For Wooden Surfaces:

- Remove all visible surface deposits such as grease, oils, dust, soils, salt and other contaminants.
- Make the surface smooth by sanding with sand paper and clean it well prior to application.

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#### Steel Surfaces:

- Remove all visible surface deposits such as grease, oils with suitable detergent per (SSPC-SP1).
- Remove salt and other contaminants 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 (ISO 8501-1)- (NACE No 2/SSPC-SP10), or Sa2 (NACE No 3/SSPC-SP6) or hand and power tool cleaning according to St3(SSPC-SP3).

#### Application Guide :

1. The required temperature during application, must not be less than 5°C; the surface moisture should not exceed 8% and the relative humidity at work place should not exceed 70%.
2. pH of surface should not exceed 9.
3. Paint should be stirred carefully before use.
4. A suitable quantity of "**Jazeera Thinner 504**" can be added to get reasonable viscosity for application.
5. Do not apply on wet and moistened surfaces until completely dry.
6. Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.
7. Adequate ventilation should be provided during application.

#### Application Tools :

- |                 |   |   |   |                   |
|-----------------|---|---|---|-------------------|
| • Airless spray | : | Nozzle orifice  | : | 0.015-0.019"      |
|                 |   | Nozzle pressure   | : | 15 MPa ( 2100psi) |
|                 |   | Spray angle   | : | 40-60°            |
| • Air spray     | : | Nozzle size   | : | (1.5 – 1.8) mm.   |
| • Roller        | : | Soft and smooth roller (Recommended type:Dekor Nardeen 8009 - code: 1093) |   |                   |
| • Brush         | : | Suitable type.  |   |                   |

#### Thinner :

"**Jazeera Thinner 504**".

#### Thinning Ratio :

- (0 – 10)% by volume for airless spray.  
(20 – 25)% by volume for air spray gun.  
(10 – 15)% by volume for roller and brush.  
All above depends on the weather and application conditions.

#### Painting System:

##### For masonry surfaces:

- Apply one coat of "**Jazeera Green Prime**".
- Apply two coats of "**Jazeera Green Putty**".
- Apply two coats of "**Jazetal Flat**".

##### For steel surfaces:

- Apply one or two coats of "**Jazeera Zinc Phosphate Primer**" or "**Jazeera Red Oxide Primer**".
- Apply two coats of "**Jazetal Flat**".

##### For wooden surfaces:

- Apply one coat of "**Jazetal Under Coat**".
  - Apply two coats of "**Jazetal Flat**".
- It can be applied directly on wooden surfaces.



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#### Drying Time:

Surface dry	3	hours.
Hard dry	16	hours.
Recoat interval	24	hours (minimum).
Full cure:	7	days.

All above test results according to ASTM D5895@ 25°C.

#### Cleaning Tools :

"Jazeera Thinner 504".

#### Packing:

3.65 Ltr. Gallon.

18 Ltr. Drum.

Gallon: Base 3 Ltr. (Tintable base by coloring machine).

Drum: Base 17 Ltr. (Tintable base by coloring machine).

#### Shelf Life And Storage:

Shelf life : 24 months @ 25 °C.

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

#### Safety Precautions:

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.
- Recommended to use the product in well-ventilated area when applying the paint in insufficient ventilated areas, forced ventilation should be provided.
- 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 purpose.

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.