

**Technical Data Sheet**  
**JAZEERA FLOREX TC GLOSS**  
**J1-68059**

**Description:**

A high quality two component, soft elastic, hard wearing PU topcoat, based on natural binders and high renewable materials. It is solar reflector, non yellowing and has a high resistance to UV, gasoline, break-oils, detergent and mild chemicals.

**Recommended Use:**

Recommended to use for interior and exterior applications as a wear coat over PU, "Jazeera Sportex" and epoxy flooring systems in universities, commercial centers, sports halls, hospitals, hotels, offices, parking lots, factories and warehouses.

**Characteristics:**

- High resistance to weather and UV.
- Excellent resistance to abrasion, wear and scratch.
- Solar reflector.
- Superior slip resistance when using "Jazeera Aggregate" in the painting system
- High elastic and soft.
- Natural-chemical system which ensures less CO<sub>2</sub> emission.
- High resistance to gasoline, break-oils, detergents and mild chemicals.
- Flame spread resistance.
- Easy to clean, dust free and hygiene.
- Easy to maintain.

**Physical Constants:**

• Finish:	Gloss.	
• Color:	As per Jazeera color card.	
• Volume Solid:	55%	ASTM D2697
• Viscosity:	65±5 KU @ 30 °C (mixed paint)	
• Specific Gravity:	1.23 (mixed paint)	
• DFT:	75 to 150 microns.	
• Theoretical Spreading Rate:	3 - 6 m <sup>2</sup> /kg / 3.67-7.33 m <sup>2</sup> /L .	

**Tests:**

• VOC content	320 g/L	ISO 11890-2:2020	METS, UAE
• VOC Emission After Application	Pass	LEED Requirements - Ver.4	METS, UAE
• Solar Reflectance	52%	ASTM E1980-11	METS, UAE
• Thermal Emittance	85	ASTM E1371-15	METS, UAE

**Surface Preparation:**

- All new surfaces must be cured at least for 28 days prior to application.
- The concrete substrate should be sound with minimum compressive strength 30 N/mm<sup>2</sup> and pull off strength 1.5 N/mm<sup>2</sup>.
- 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 CSP2-3 as per International Concrete Repair Institute ICRI. No 310.2 / SSPC - SP 13 or NACE 6
- Remove dust from the surface by vacuum machine.
- Fill the holes and cracks with "Jazeera Epoxy Crack Filler 400" or any suitable epoxy filler prior to application.

**Application Tools:**

- Roller: Short naps roller (3/8 inch ) is suitable type for epoxy.
- Airless Spray: Nozzle Orifice: 0.015-0.021"/ Nozzle Pressure: 15 MPa (2100psi).

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**Application Conditions:**

- Temperature during application should be more than (5°C).
- Surface temperature: at least (3°C) above dew point.
- Relative humidity: maximum 85%.
- Concrete moisture content should not exceed than 4%.

**Mixing:**

Mixing ratio:

By volume: Base 2.67 : Hardener 1

By weight: Base 3.35 : Hardener 1

Mixing procedure:

- Stir base by using a low speed mechanical stirrer.
- Pour hardener into component A.
- Mix the two components continuously for 2 minutes until a homogenous mixture and uniform color obtained.

**Potlife:**

40 minutes @ 25°C.

The mixture should be used within this potlife time.

**Thinner:**

Ready to use.

"Jazeera Thinner 507" if required

**Painting System:**

- Primer: Jazeera Epoxy Sealer Clear 400.
- Intermediat coat : Jazeera Florex OB / MB / HB / Traffic.
- Topcoat : Jazeera Florex TC Gloss.
- For slip resistance broadcast "Jazeera Aggregate" in the painting system.
- "Jazeera Florex TC Gloss" can be applied as a topcoat over "Jazeera Sportex" system.

**Application Instructions:**

- Do not apply on wet and moistened surfaces until they are completely dry.
- PH of surface should not exceed 9.
- Concrete damages should be repaired before application.
- Rough and irregular surfaces need to be leveled by using screed mortar products, depending on surface irregularities.
- Freshly applied paint should be protected from water and damp at least 24 hours.

**Drying Time And Recoating:**

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

Dry to recoat, minimum: 16 hours @25°C/77°F

Dry to recoat, maximum: 24hours @25°C/77°F

Full cure: 7days.

All above drying time tested according to ASTM D5895@25°C.

**Packing:**

	Base		Hardener
Drum	13.1 L	:	4.9 L
Drum	16.89 kg	:	5.047kg



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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.

**Safety Precautions:**

- Clean up: Use "Jazeera Thinner 507" for tools cleaning and in case of spillage, absorb and dispose.
- Handling: Handle with care. Stir very well before use.
- Health and safety: Please read and follow the precautionary notices displayed on the container, and all caution statements on the MSDS of this product.
- During application of paint, contact of liquid paint with eyes, skin, inhalation of paint mist and paint vapor should be strongly avoided.
- For spray application systems; applicator should wear protective clothing, gloves, also eye, skin and respiratory protection are always recommended. Keepaway from reach of children.
- Ventilation: When used in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. In addition, respirators must be used by all applicator.
- Caution: This product contains flammable solvents, keep away from sparks and open flame. For information on LEL and TLV, please read the MSDS.

**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.