

## Technical Data Sheet

### Jaz Thioxeal

J1-62007

#### Description:

A high quality, highly flexible sealant based on epoxy-sulfide hybrid technology. It is specially developed for expansion joints to provide long-lasting flexibility

#### Recommended USE:

Recommended to use for interior applications as a flexible-sealant for expansion joints in concrete floorings, water reservoirs, high capacity storage tanks, under the tiles flooring and swimming pools etc..

#### Characteristics:

- Excellent Joint-Sealing property
- Long lasting flexibility
- Excellent waterproofing
- Suitable for Vertical & Horizontal surfaces
- Non Sagging
- Resistant to household chemicals
- Resistant to hydrostatic pressure in water reservoirs
- Anti-Microbial

#### Physical Constants:

• Finish:	Sheen	
• Color:	White and limited colors.	
• Volume Solid:	100% ,	ASTM D2697
• Specific Gravity:	1.14 ,	ASTM D1475
• Joint size	3 to 4 cm width & 4 to 6 cm depth.	
• Theoretical Spreading Rate:	0.26 Kg / 1m Length at 1cm DFT	

#### Application Preparation:

##### PRE-CLEANING:

- Remove all visible surface deposits such as grease, oils and soils with suitable detergent.
- Remove salt and other contaminants by washing using high pressure fresh water.

##### CONCRETE:

- Remove all visible surface deposits such as grease, oils and soils by either steam or cleaning with detergents or chemicals.
- Abrasive blast cleaning to (NACE No.6/ SSPC-SP 13) will provide roughened and will remove laitance.
- Abrasive blasting also opens holes and voids so they can be sealed more effectively.

#### Application Guide:

Advised to follow scientific methods and standards, and subject to the conditions of health, with taking care to adhere to the observations and recommendations by the sales engineers or technical support.

#### 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 weight: Base Hardener  
100 : 27

#### Potlife:

- Pot-life: 3 hour @ 30 °C.
- The mixture should be used within this potlife time.
- Induction time: Nil.



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#### Paint System:

- Primers: None.
- Apply Jazeera Thioxeal by using putty knife.

#### Application Method& thinning:

THINNER: Not

Recommended application tools: Putty knife.

#### Thinner Ratio:

- (5 - 15) % by volume for spray gun applications.
- (0 - 10) % by volume for roller & brush applications.

Depends on the weather conditions at work place.

#### Drying Time:

Temperature	25°C/77°F
Relative Humidity	50%
Surface Dry	36 hours
Full Dry	7 days
Dry to recoat, minimum	12 hours
Dry to recoat, maximum*	36 hours

Note: All records given in the table are typical at: recommended film thickness, good ventilation and one coat system.

\*The surface should be dry and clean prior to application.

The best time to recoat is before previous coat is cured.

If this time is exceeded, the surface may need to be roughened slightly.

#### Packing:

- Gallon: Base : Hardener  
3 Kg 0.80 Kg

#### 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.



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#### Handling & Safety:

- Clean up: Use "Jazeera Thinner 505" 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. Keep away 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.