

## QZS 700 EPOX SILICA SAND M32



### DESCRIPTION

QZS 700 EPOX is M32 type silica sand. It is an excellent raw material for the glass-, crystal- and ceramic industry, foundries and as an aggregate for epoxy or cementitious floorings, epoxy paints, tile adhesives,

plasters, mortars, coatings etc. It's high content (99.5%) in silica (SiO<sub>2</sub>) gives the product increased hardness: 7 on the Mosh scale. It is chemically inert and it is not affected by the chemical properties of the binder.

### FIELDS OF APPLICATION

The product is used in building and many other works such as:

- Epoxy floors
- Epoxy paints
- Cementitious floors (slabs, pipes etc.)
- Industrial floors
- Slip-resistant surfaces
- Laying and joining pavers
- Drainage works
- Potable and non-potable filters
- Golf courts
- Athletic constructions, tartan covers, sandpits etc.
- Horse tracks
- Gardening

### ADVANTAGES - FEATURES

- Increased hardness, 7 on Mosh scale.
- Spherical grains that give perfect workability and ideal finish to mortars.
- Provides high density and high flexural strength.
- Provides high wear resistance.
- It is chemically inactive and it is not affected by the properties of the binder.
- Not affected by corrosion or air pollution.
- Smaller water absorption compared to limestone aggregates
- Undergone cleaning and sieving.

### PACKAGING - STORAGE

The product is packaged in 25Kg bags. It is stored sealed in a dry environment with temperature above 0 °C for unlimited time.

### PRECAUTIONS

There are no risks if the product is used normally and no particular protection measures must be taken. The product is neither flammable nor toxic.

For more information please refer to the latest Safety Sheet for the Product .

*The technical information and instructions contained in the present brochure and referring to the application and end use of Thrakon products are based on the up to now know-how and experience of the Company with regards to the products and are provided in good faith as long as such products are stored, used and applied as per Thrakon recommendations. Due to the inability, on our part, to directly inspect the conditions prevailing at the worksite as well as the application procedures of the product, the Company does not provide any guarantee with regards to the adequacy of its products for specific purpose while the Company shall not bear any legal responsibility based on the information stated in the present brochure or any other written, oral, or otherwise provided recommendations and instructions. The users of the products are advised to perform a limited surface testing of the products adequacy for the eventual application and use intentions. Thrakon reserves the right to modify the features of its products without prior notification. All orders shall be approved only following acceptance of the above and under the eventual Commercial Policy terms of the Company. The issuance of the present brochure voids any prior version.*



## QZS 700 EPOX SILICA SAND M32

PRODUCT ID		
Form	Dry granular material	
Color	Grey/yellow	
Density	2.65 gr/cm <sup>3</sup>	
Bulk density	1.5 gr/cm <sup>3</sup>	
Hardness	7 Mohs	
pH	7	
Color	L*	70
(Minolta CM-3610 D65/10°)	a*	2.79
	b*	9.82

CHEMICAL ANALYSIS (XRF)	
SiO <sub>2</sub>	99.5%
Al <sub>2</sub> O <sub>3</sub>	0.20%
Fe <sub>2</sub> O <sub>3</sub>	0.03%
CaO	0.01%
K <sub>2</sub> O	0.02%
TiO <sub>2</sub>	0.03%
LOI	0.15%

SIEVE ANALYSIS	
SIEVE(μm)	(%)
63	≤0.1
180	93
250	57
355	7

SPECIAL CHARACTERISTICS	
D50	260μm
AFS	50

**Note:** The measurements were taken in laboratory environment under a temperature of +23°C, Relative humidity 50 % and without ventilation. It is possible for them to vary depending on the conditions prevailing at the worksite, such as temperature, humidity, ventilation, absorbability of the substrate.

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