

# SERADERZ EPO (EPOFUGA)

TWO COMPONENT, EPOXY BASED, DURABLE JOINT SEALANT



- Resistant to chemicals
- Antibacterial
- High abrasion resistance

## DESCRIPTION

**SERADERZ EPO** is a two component, epoxy based, chemical resistant joint sealant.

## TYPICAL APPLICATIONS

- Internal and external applications,
- Vertical and horizontal applications,
- Ceramic repairs,
- Chemical Industry: labs, production and storage centers, paper, leather and battery factories, etc,
- Food Industry: dairies, restaurants, wine and beer factories, fresh and dried fruit processing plants, olive plants, etc,
- Hospitals and clinics: operation rooms, kitchens, showers, sanitary areas, etc,
- Swimming pools: Pools and surrounding areas, saunas and medical baths, thermal and salt water springs, etc.

## ADVANTAGES

- Prevents mildew and fungi formation.
- Resistant to chemicals.

## TECHNICAL PROPERTIES

**Color:** White, Grey

**Physical State:** Two component

**Mortar Density:**  $1.60 \pm 0,05 \text{ g/cm}^3$

**Application Temperature:**  $+10 \text{ }^\circ\text{C}$  to  $+35 \text{ }^\circ\text{C}$

**Pot Life:** max. 60 min.

**Smoothing Time:** max. 20 min.

**Available For Traffic in:** 24 to 48 hours

**Service Temperature:**  $-30 \text{ }^\circ\text{C}$  to  $+100 \text{ }^\circ\text{C}$

**Abrasion Resistance (EN 12808-2):**  $\leq 250 \text{ mm}^3$

**Bending Strength (EN 12808-3):**  $\geq 30 \text{ N/mm}^2$

**Compression Strength (EN 12808-3):**  $\geq 45 \text{ N/mm}^2$

**Shrinkage (EN 12808-4):**  $\leq 1,5 \text{ mm / m}$

**Water Absorption (After 240 min.) (EN 12808-5):**  $\leq 0,1 \text{ g}$ .

The values above are valid for  $23 \text{ }^\circ\text{C}$  and 50% relative humidity.

### Reference Standards

In compliance with TS EN 13888 / RG standards

**Public Works Pos. No:** 04.013/2

## DIRECTIONS FOR USE

### SURFACE PREPARATION

- For vertical and horizontal applications, wait at least for 24 hours once the tiles are affixed.
- Dust, chips, construction/cement residues, etc. on joint surfaces shall be removed with a thin bar and cleaned before application in order to obtain homogenous color and drying.
- Joint surfaces, especially on walls, should be moistened before application.

### MIXING

- Mix both of the components with a low speed mixer until a homogenous mixture is achieved.

### APPLICATION

- The product should be applied on joint surfaces using a spatula or gun.

- During the application, **SERADERZ EPO** should be thoroughly cleaned using warm water and a sponge before it hardens. It will be hard to clean the hardened product.
- For applications in temperatures under  $15 \text{ }^\circ\text{C}$ , **SERADERZ EPO** should be stored in a warm location a day before the application in order to achieve greasiness and ease of use.

## WATCHPOINTS

- Do not apply on frozen and thawing surfaces or surfaces that could be subject to frost within 24 hours.
- Do not apply on under direct sunlight and strong winds or on hot surfaces.

## CONSUMPTION

### For 25x40 cm tiles:

200 gr/m <sup>2</sup> for 2 mm thickness
250 gr/m <sup>2</sup> for 3 mm thickness
300 gr/m <sup>2</sup> for 4 mm thickness
500 gr/m <sup>2</sup> for 6 mm thickness

### For 33x33 cm tiles:

150 gr/m <sup>2</sup> for 2 mm thickness
200 gr/m <sup>2</sup> for 3 mm thickness
250 gr/m <sup>2</sup> for 4 mm thickness
450 gr/m <sup>2</sup> for 6 mm thickness

## PACKAGING

10 kg containers

## STORAGE AND SHELF LIFE

Store in dry and cool locations. Shelf life is 12 months under suitable storage conditions. Product storage conditions should be adhered to, and the products should not be stored in humid and damp warehouses.

## HEALTH AND SAFETY

As with all chemicals, contact with skin, eyes or mouth should be avoided during usage or storage. If accidentally ingested seek immediate medical attention. In case of contact with the skin, wash with plenty of water. Reseal containers after use.

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