

**PRODUCT DESCRIPTION:** FIBSEAL JSE 700 is a two component, semi-rigid epoxy joint filler for filling control joints and construction joints in industrial concrete floors. This product supports the joint edges and reduces spilling of the edges caused by wheel traffic. FIBSEAL JSE- 700 has been designed for use in compliance with ACI 302, Section 4.10 recommendations for epoxy/PU joint fillers used in saw cut/control joints.

#### AREAS OF APPLICATION

- Concrete construction & control joints
- Crack filler repair for old floors
- Industrial and commercial floors
- Interior applications

#### ADVANTAGE

- Semi-rigid formula that allows for limited temperature and humidity movement of concrete.
- Tough performance reduces floor joint repairs and maintenance.
- Available in several formulations for widest practical applications.
- Suitable for filling cracks in older floors to reduce the deterioration rate.
- Available in selected color formulations for use with colored dry shake floor hardeners.
- FIBSEAL JSE- 700 is also available in this formulation: GEL: Standard setting, thick paste consistency material for special applications; this material is not designed for vertical/overhead applications

#### APPLICATION METHODOLOGY

##### SURFACE PREPARATION

The joint must be clean and sound. All oil, dirt, debris, paint and any other material that may be a bond breaker must be removed. The final step in cleaning should be the complete removal of all residues with a vacuum cleaner or pressure washing. All joint facings must possess an open surface texture with all curing compounds and sealers removed. If this product will be used for filling floor cracks, the cracks should be routed out and cleaned before filling. Ideally, all edges shall be squared.

##### MIXING

FIBSEAL JSE-700 is a two-part product and requires mixing. Premix each part separately before combining the materials. Pour all of the Part B hardener into the Part A resin and mix with a mechanical mixer and prop for 2-3 minutes. Make sure that the sides of the can are scraped to assure that all of the resin and hardener are thoroughly mixed.

##### PRIMING

FIBSEAL JSE-700 does not require a primer before application.

##### PLACEMENT

After the liquids are thoroughly mixed, pour the mixed material into the joint, filling it approximately 2/3 of its full depth.

Allow the joint filler to settle and then complete filling within 1 hour to the level of the floor. Use all material rapidly due to the short pot life.

#### JOINT BACKING

FIBREX recommends the full depth filling of the joint or crack with FIBSEAL JSE-700 for proper load transfer. FIBSEAL JSE-700 requires sufficient joint sidewall area contact to function properly. Joints should be filled up to full depth. Avoid the use of backer rod, sand or other filling material for the purpose of reducing volume. Sand or other material may be used to seal the crack at the bottom of the joint. However, if a substantial portion of the joint is filled with inert material or if backer rod is used, FIBSEAL JSE-700 must be placed at a 10 mm minimum depth.

#### CURING

FIBSEAL(JSE-700) requires no special curing instructions. The product will cure within 24 hours of placement (25°C). Lower temperatures will slow the curing rate.

#### CLEAN UP

- Clean all tools immediately after use with Fibrex Paint Remover. Do not allow material to harden.

#### TECHNICAL SPECIFICATIONS

Typical Engineering Data	Results
Appearance Component A	Colored epoxy resin liquid
Appearance Component B	Clear to brown epoxy hardener liquid
Mixing Ratio(A:B)	6.3:1 (by weight)
Pot Life at (24°C)	20 minutes
Compressive Strength ASTM D-695 @72 hours	20.7MPa
Tack free time @ 24°C	12 hours
Tensile Strength ASTM D-638 7 days	4.6MPa
Elongation ASTM D-638 7 days	52%
Water Absorption ASTM D-570 72 hour immersion	1.1%
Shore D Hardness ASTM D-2240 7 days	55
Shore A Hardness	> 100
Chemical Resistance 72 hours at 24°C	
CaCl <sub>2</sub> (10%)	Excellent
Caustic (10%)	Excellent
Muriatic Acid (10%)	Excellent

# FIBSEAL JSE 700

Semi Rigid Industrial Floor joint Filler

Product # 114.89  
Version no: 16.11.23

Techn Data

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## LIMITATIONS

- Do not apply FIBSEAL JSE 700 on surfaces known to or likely to suffer from rising dampness, potential osmosis problems or having relative humidity greater than 75 %. Consult fibrex before using FIBSEAL JSE 700 in those areas.
- Do not apply FIBSEAL JSE 700 to asphalt, weak or infirm concrete, unmodified sand-cement screeds, PVC tiles or sheets.

## Please contact FIBREX for installation of floor coating over

- Oil / Fat rigged floors
- Floors with moisture content over 4 %
- Floors with rising moisture problem
- Asphalt based floor (interior)
- Floors with a pull off strength less than 1.5 N / mm<sup>2</sup>

## COLOR RANGE

FIBSEAL JSE 700 is available in various attractive colours (see Fibrex shade card). Every effort is made in manufacturing to maintain consistency of colour, however exact colour can vary from one batch to other batch.

## PACKAGING

FIBSEAL JSE - 700 (A+B : 9 KG PACK)

### Supply

2 Packs Set : 18 KG (A Part : 2 Nos, B Part : 2 Nos)

## STORAGE

Fibseal JSE- 700 Store the material at temperatures between + 10° C and + 35° C in originally sealed packages, the material can be stored for twelve months. But, before opening the drums/bucket etc. Open containers of material should be used quickly to avoid moisture contamination.

## PRECAUTIONS

During mixing and application the following precautions should be observed: ensure adequate ventilation and avoid contact of the material with the eyes, nasal passages, mouth and unprotected skin. Avoid contact with the hands by wearing protective gloves, if necessary, a suitable barrier cream. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice and after contact with the skin wash immediately with plenty of soap and water (do not use solvents). Prolonged contact with the skin should be avoided, especially where the user has an allergic reaction to resin-based materials. Always wear gloves and eye/face protection as necessary. Observe personal hygiene, particularly washing the hands after work has been completed or at any interruption whilst work is in progress. Care should be taken when removing gloves to avoid contaminating the insides. In case of accidents seek medical advice.

## DISPOSAL / SPILLAGE

Spillage of any of the component products should be absorbed onto sand or other inert material and transferred to a suitable disposable vessel. Disposal of such spillage or empty packaging should be in accordance with local waste disposal authority regulations.

## NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

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# Tech Data

## HEALTH AND SAFETY

This material is intended to be used by trained professionals with proper equipment's. The following safety measures are recommended:

- Wear protective gloves, clothing, goggles, hearing protection for noise reduction and hard hats for falling debris.
- Do not eat, drink or smoke while in active contact with these materials.
- Avoid skin contact.
- Wash hands thoroughly with soap and cool water.
- Never wash the skin with a solvent.
- Anyone experiencing difficulty breathing when working with these materials or showing an allergic reaction should seek fresh air immediately and consult a physician if symptoms persist.

## DISCLAIMER:

Fibrex Construction Chemicals pvt. ltd. products though are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Fibrex wishes to clarify that any advice, recommendation, specification or information is accurate and correct, though it cannot, at any time assume any liability either directly or indirectly arising from the use of its products. This is because it has no direct or constant control over where or how its products are applied, and whether or not in accordance with the advice specification, recommendation or information given by it.

## FIBREX OTHER PRODUCTS – WE DO

