



# Technologies

## TECHNICAL INFORMATION FERROPRE EPOXY RESIN BONDING SEALER

### DESCRIPTION

**FERROPRE** is a 100% solids two pack epoxy resin bonding sealer, specifically developed for jointing cast iron plumbing systems. It provides easy fabrication for all types of designs and exhibits a putty-like consistency to allow bonding and filling of large voids. It may also be used for filling and sealing cast iron and PVC pipe penetrations through walls and floors. The cured system is resistant to a range of corrosive chemicals.

### TYPICAL PHYSICAL PROPERTIES - APPLICATION AND HANDLING

Consistency	:	Non-sag putty.
Colour (when mixed)	:	Grey.
Working Time (100gm mix)	:	45 minutes @ 20°C.
Set Time	:	8 hours @ 20°C.
Full Cure	:	24 hours @ 20°C.
Heat Deformation Temperature	:	72°C.
Tensile Strength	:	100 Mpa.
Compressive Strength	:	57 Mpa.
Mixing Ratio	:	One to one by volume.

### SURFACE PREPARATION

Surfaces must be clean, dry and free from oil and grease. Degreasing may be carried out by wiping with a rag soaked in clean mineral turps, then drying with a clean rag. With pipes, pack the joint with oakum or hemp to a height of 2cm from the top of the collar.

Mix thoroughly base and hardener in equal proportions, until an even colour is obtained. Wipe tools thoroughly before inserting into each container, to prevent contamination. Do not interchange lids. Working time is approximately 45 minutes. Mix only sufficient which can be used in that time. Place pipes and fittings in position and support to prevent movement. Press mixture into joint with a knife or small tool, fill up to collar level and smooth off. Smoothing is aided by lightly wetting the knife with clean water.

Initial setting may be hastened by heating substrate with a blow torch or hot air gun to no more than 100°C. Do not use flame directly onto mixture.

**CLEAN UP**

Clean all tools and equipment as soon as possible after use before the mix has cured, using Henkel clean-up solvent 9908 or other suitable cleaning fluid.

**STORAGE DIRECTIONS**

- Keep containers closed tightly when not in use.
- Do not interchange lids between compound and hardener or otherwise contaminate one with the other before mixing for use.
- Do not store in conditions of excessive heat or cold.

**PRECAUTIONS**

Care should be taken to avoid any direct contact with skin. Gloves, coveralls and eye protection should be worn whilst mixing and using. If accidental skin contact does occur, wash affected area thoroughly with soap and water. Do not attempt to use solvents to remove product from skin.

For further, more detailed health and safety information, refer to the relevant Material Safety Data Sheet. Ensure people handling this product are not allergic to epoxy resins.

**TECHNICAL SERVICE**

HENKEL ADHESIVES maintains a strong technical support group to investigate and advise on all adhesion matters. Please contact your local Sales Office.

**DISCLAIMER**

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