

Product Code

TP109 Packaging listed overleaf.

Description

Bedding Mortar SF is a Portland cement based powder mix including special shrinkage compensating components. The mixed material produces a mortar, which may be rammed into gaps between concrete units, without the use of shuttering, to create a supporting fill. The specially selected blend of sands enables a smooth flush finish to be achieved with the same mix as used to fill gaps giving the illusion of a continuous concrete panel thus eliminating the secondary pointing operation to finish the placement. Bedding Mortar SF can also be used to fill lifting eyes.

The factory batched product is ready to use and only requires the addition of water on site. The incorporation of shrinkage compensating additives ensures that the placed mortar maintains contact within the filled section. The mortar is chloride free and can be safely used in contact with reinforcing steel.

Bedding Mortar SF can be used for placing in horizontal and vertical gaps and may be rammed into place within gaps of 10mm to 75mm for structural support, and down to 5mm for finishing.

Uses include:

- Bedding of precast units.
- Pointing joints.
- Filling lifting eyes.
- Placement in gaps to form a fill without the use of shuttering.

Typical Grout Properties @ 20°C

Compressive Strength

| AGE | 1 Day | 7 Days | 28 Days |
|----------|---------------------|---------------------|---------------------|
| STRENGTH | 16N/mm ² | 36N/mm ² | 58N/mm ² |

Density 2100kg/m³

Usable Life 4 5 minutes

Specification Outline

Bedding operations shall be carried out using Bedding Mortar SF as manufactured by ParexLtd. The product must be stored, handled and used strictly in accordance with the manufacturer's instructions.

Accreditations

Parex Limited has an integrated business management system. This is externally accredited by UK CARES to BS EN ISO 9001:2015, BS EN ISO 14001:2015, BS ISO 45001:2018 and BES 6001.

This product also conforms to BES 6001.

Standards

Bedding Mortar SF has been tested in accordance with the appropriate parts of the following standards: EN 12390, BS 6319.

Instructions For Use

Preparation

Contact surfaces should be sound, clean and provide a mechanical key. Remove all loose material, plaster, paint and oily deposits.

Priming

The prepared surfaces should be pre-dampened. Remove any standing water before placing the Bedding Mortar SF.

Instructions For Use

Mixing

Bedding Mortar SF is supplied in 25kg bags. The water requirement to produce the mortar is: 3.0- 3.25 litres of water per 25kg bag Bedding Mortar SF.

Pour the required quantity of water into a suitable mixing vessel. Slowly add the powder to the water whilst continuously mixing. Mechanical mixing is recommended. Suitable mixers include a slow speed high torque drill with a Mortar Stirrer or a forced action mixer such as Creteangle or Mixal. Mixing should be continued to form a mortar of consistency suitable for ramming into place.

Placing

Place the Bedding Mortar SF firmly into the prepared gap. Use a suitable ramming tool to ensure complete filling of the gap and compaction of the mortar. Allow the mortar to stiffen then finish the exposed surface with a dampened steel trowel.

Bedding Mortar SF may be placed at temperatures between 5°C and 35°C. For application at temperatures outside this range contact the Technical Service Department.

Curing

Curing of exposed surfaces should be undertaken in accordance with good concrete practice. Suitable methods of curing include water spray, polythene sheeting and spray applied concrete curing membrane such as Polycure.

Precautions

Health and Safety

Bedding Mortar SF is alkaline when mixed with water and should not come into contact with skin or eyes. Avoid inhalation of dust during mixing and wear safety glasses, dust mask and gloves. If skin contact occurs wash thoroughly with clean water. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice.

Full health and safety data are given in Product Safety Data Sheet.

Fire

Bedding Mortar SF is non-flammable.

Yield

Bedding Mortar is packed in 25kg bags. The yield obtained from these units is approximately 13 litres of mixed material.

Storage And Shelf Life

Bedding Mortar will have a shelf life of 12 months when kept in dry conditions at a temperature of 5°C to 45°C. Storage at higher temperatures and high humidity may reduce the shelf life.

Packaging And Ordering

Bedding Mortar SF is supplied in 25kg bags.

25kg bag Product Code TP109

For further information and sales, please contact your local Parex office as listed below.

Parex Ltd products are guaranteed against defective materials and manufacture. Products are sold subject to the Parex Ltd Terms and Conditions of Sale, copies of which are forwarded on invoice and are available on request. Parex Ltd endeavours to ensure that the above data and any further advice is correct, however, it cannot accept any direct or indirect liability for the use of its products as such usage is beyond its control.