

TECHNICAL DATASHEET

JSW Steel Grout – Gun Grade

Pumpable Gun Grade Mortar FOR TIE – ROD HOLE APPLICATION

DESCRIPTION

JSW SteelGrout – Gun Grade is a ready mix cement-based, self curing, polymer enriched, pumpable /gun grade mortar. It is made with high quality polymer additives and selected fillers.



FEATURES AND ADVANTAGES

- Single Component, Easy to use - just water to be added at site,
- Consistent quality
- Waterproof joints/holes
- Non-curing and binds better to substrate
- Uniform and smooth finish
- Convenient to apply
- Faster completion of work
- Negligible wastage
- Nil shrinkage

AREAS OF APPLICATION

JSW SteelGrout – Gun Grade Mortar is recommended for filling of tie rod hole/slit holes in concrete and natural stones.

METHOD OF APPLICATION

Surface Preparation:

- Prepare the hole/slit surfaces before the JSW SteelGrout –Gun Grade application by removing oil, bond inhibiting agents, dirt, dust and laitance.
- The cleaning can be carried out with suitable methods like by using wire brush, water jetting etc.

Mixing and Application:

- Mix JSW SteelGrout –Gun Grade with 25-27% by weight of water using mechanical stirring for 2-3 minutes to ensure a consistency free of lumps.
- JSW SteelGrout –Gun Grade can be applied inside the tie rod holes by using Pumpable Gun
- Use suitable mortar gun to pump the mortar into the holes. Use spatula, putty blade or any suitable device to prepare the final finish. Sponge or wet cloth can be used for cleaning the surface subsequent to application of JSW SteelGrout –Gun Grade.

PRECAUTIONS & NOTE

- Always add powder to water.
- Do not add excess water than recommended.

TECHNICAL DATA

PARAMETERS	RESULTS
Appearance	Free Flowing Powder
Color	Cementitious Light Grey
Bulk density	1450-1550 Kg/cum
Water powder ratio	25-27 % by weight
Pot life	90 mins @ 27°C
Compressive strength @ 28 days	8 - 10 Mpa
Shrinkage	Nil
Water curing	Self curing
Flexural strength @ 28 days	2-3 Mpa

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COVERAGE

- Coverage per Kg @ 6 mm dia holes*
- 300 mm depth cylindrical holes 13-14 holes

PACK SIZE

- 25 kg Bag

BEST BEFORE

- 12 months from the date of manufacturing if stored in unopened original packing, under shade in dry and moisture free conditions.

SAFETY PRECAUTIONS

Keep out of reach of children. Wear suitable protective clothing, gloves and eyes/face protection. After contact with skin, wash immediately with plenty of clean water. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice. Limited to professional use only. For more details please refer the relevant Material Safety Data Sheet, available on request

Disclaimer - JSW construction chemical dry mix products are guaranteed against material and manufacturing defects. The product is sold as per standard terms and conditions of sales, copies which may be obtained on request. JSW's endeavor is to ensure correct and accurate information on product performance and recommended specifications as mentioned in literature, and still may have to abstain from circumstantial deviations which are beyond control due to human intervention, atmospheric conditions or natural calamities which may not be in accordance with any advice, specification, recommendation or information given by it.

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