

Epomast Bedding Grout



Adomast

Technical Specification

Epoxy Resin Based

Flowable Grout

EPOMAST BEDDING GROUT is a two-pack high-density material with good flow characteristics.

When cured it possesses extremely high mechanical strengths, adheres tenaciously to most sound building surfaces, it is waterproof and resistant to a wide range of chemicals

Advantages

Typical applications include :

- Bedding machine bases
- Bedding stanchion bases
- Bedding manhole frames

- Forming bridge bearing pads
- Grouting pre-stressing tendon anchorages
- Grouting fixing bolts and dowels

Typical Strengths after Full Cure:

Compressive 89 N/mm²

Tensile 19 N/mm²

Flexural 52 N/mm²

Application

CureTime

Full cure is after 5 days at 20°C with approximately 50% of strengths achieved after 24 hours. Lower temperatures will prolong cure time, and material will not develop strength below 5°C.

Colour

A natural brown.

Use

Surface Preparation

Surfaces should be sound, clean, free from laitance, dust, oils or other deposits and surface needs to be dry.

Mixing

As viscosity and flow characteristics are influenced by temperature, before mixing, the pack should preferably be brought to a temperature of 15 -20°C either by means of ambient storage temperature or by application of indirect heat. When packs are at suitable temperature empty entire contents of Base and Hardener packs into clean plastic bucket or similar and mix very thoroughly.

Unit sizes in excess of 10 kilos should preferably be mixed in a powered paddle mixer.

Application

Immediately after mixing pour material onto prepared surface maintaining a head of pressure and using trowel to assist flow.

The application must allow for displacement of air.

When working in low temperatures, flow will be facilitated by allowing material to stand for 5-8 minutes and then re-mixing for 1-2 minutes before placing.

Protect material from moisture for 24 hours.

Do not apply in temperatures below 5°C.

Pot Life

This is influenced by temperature, volume of mixed material and type of container. Lower temperature, smaller volume and a wider container giving a shallower bulk of material, will extend pot life. Under normal conditions a pot life of approximately 25 minutes can be expected.

Cleaning of Equipment

Use RESOKLENS for cleaning equipment immediately after use and before material has set firm.

Coverage

Approximately 600cm³ per kilo

Storage

Keep all containers sealed, store at room temperature and away from direct heat. Under normal temperate and dry conditions storage life is in excess of one year.

Shelf Life

Shelf life is minimum 12 months subject to storage temperature and humidity.

Specification

Epomast Bedding Grout is supplied by Adomast Manufacturing Ltd and shall be applied strictly in accordance with the manufacturer's instructions. For specific advice regarding any aspect of this product, please consult our Technical Department

Health and Safety

EPOMAST BEDDING GROUT should be handled carefully and skin contact, exposure to high vapour concentrations and ingestion avoided.

Wearing of overalls, gloves and protective eyewear should be considered together with the application of a suitable barrier cream to hands where necessary.

Proper regard should be given to the precautions necessary when storing and handling flammable solvents that are present in EPOMAST BEDDING GROUT and in RESOKLENS.

Refer to separate EPOMAST BEDDING GROUT and RESOKLENS Health and Safety sheets.